**UTS PRAKTIKUM “Program Spinner”**

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1. Buka Class MenuSpinner.java dan isilah bagian code yang kosong dengan kode aplikasi anda yg sudah running:

**package com.\_\_\_\_.\_\_\_\_\_\_\_\_\_\_;**  
**import android.app.Activity;**  
**import android.os.Bundle;**  
**import android.view.View;**  
**import android.widget.Button;**  
**import android.widget.ImageView;**  
**import android.widget.Spinner;**  
**import android.widget.ArrayAdapter;**  
**import android.widget.AdapterView;**  
**import android.widget.AdapterView.OnItemSelectedListener;**  
**import android. widget.TextView;**

public class \_\_\_\_\_\_\_\_\_\_\_ extends Activity {  
private int indexCPU, indexMobo, indexRAM, indexHDD, indexVGA;  
int harga\_total, score;  
String hargaCPU, hargaMobo, hargaRAM, hargaHDD, hargaVGA;  
Spinner menuCPU, menuMobo, menuRAM, menuHDD, menuVGA;  
Button Pilih, kembali;  
public String[] spinnerCPU = {"Intel Core i3 3210", "Intel Core i5 3330","AMD A10-5800K"};  
public String[] spinnerMobo = {"Asus H81M-A intel Socket 1150", "Gigabyte G1.Sniper B5 intel Socket 1150", "Asus F2A85-M LE AMD Socket FM2"};  
public String[] spinnerRAM = {"Corsair CML4GX3M1A1600C9 (1 x 4Gb) DDR3", "Kingston KHX1600C9D3/4G DDR3", "PATRIOT PV3 (2x4Gb) DDR3"};  
public String[] spinnerHDD = {"Hitachi SATA III 1TB 3.5Inch", "Seagate SATA III 500Gb 7200RPM 16Mb 3.5Inch", "WDC SATA III Blue 1 TB 64Mb 3.5Inch"};  
public String[] spinnerVGA = {"Gigabyte GTX 550 Ti 1Gb 192Bit DDR5", "Asus GTX 650 DC OC 1Gb 128Bit DDR5", "MSI HD 7790 OC 1GB DDR5 Radeon PCI Exp."};  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 programutama();  
 }  
 public void programutama(){  
**//=== CODE 1 ===//**  
setContentView(R.layout. *\_\_\_\_\_*);  
menuCPU = (Spinner)findViewById(R.id. spinnerCpu);  
\_\_\_\_\_\_\_\_ = (Spinner)findViewById(R.id. \_\_\_\_\_\_\_\_);  
\_\_\_\_\_\_\_\_ = (Spinner)findViewById(R.id. \_\_\_\_\_\_\_\_);  
\_\_\_\_\_\_\_\_ = (Spinner)findViewById(R.id. \_\_\_\_\_\_\_\_);  
\_\_\_\_\_\_\_\_ = (Spinner)findViewById(R.id. \_\_\_\_\_\_\_\_);

\_\_\_\_\_\_\_\_ = (Button)findViewById(R.id. \_\_\_\_\_\_\_\_);

//=== INISIASI SPINNER == //  
ArrayAdapter<String> adapter1 = new  
ArrayAdapter<String>(this,android.R.layout. *simple\_spinner\_item*,spinnerCPU);  
 menuCPU.setAdapter(adapter1);  
 menuCPU.setOnItemSelectedListener(new OnItemSelectedListener(){  
 public void onItemSelected(AdapterView<?> arg0, View arg1, int arg2,long arg3) {  
 indexCPU = menuCPU.getSelectedItemPosition();  
 }  
 @Override  
 public void onNothingSelected(AdapterView<?> arg0) {  
 }  
 });  
**//=== CODE2 ===//**  
ArrayAdapter<String> adapter2 = new  
ArrayAdapter<String>(this,android.R.layout. *simple\_spinner\_item*,\_\_\_\_\_\_\_\_\_\_);  
 \_\_\_\_\_\_\_\_\_\_.setAdapter(\_\_\_\_\_\_\_\_\_\_);  
 \_\_\_\_\_\_\_\_\_\_.setOnItemSelectedListener(new OnItemSelectedListener(){  
 public void onItemSelected(AdapterView<?> arg0, View arg1, int arg2,long arg3) {  
 indexMobo = \_\_\_\_\_\_\_\_\_\_.getSelectedItemPosition();  
 }  
 public void onNothingSelected(AdapterView<?> arg0) {  
 }  
 });

ArrayAdapter<String> adapter3 = new  
ArrayAdapter<String>(this,android.R.layout. *simple\_spinner\_item*,\_\_\_\_\_\_\_\_\_\_);  
 \_\_\_\_\_\_\_\_\_\_.setAdapter(\_\_\_\_\_\_\_\_\_\_);  
 \_\_\_\_\_\_\_\_\_\_.setOnItemSelectedListener(new OnItemSelectedListener(){  
 public void onItemSelected(AdapterView<?> arg0, View arg1, int arg2,long arg3) {  
 indexRAM = \_\_\_\_\_\_\_\_\_\_.getSelectedItemPosition();  
 }  
 public void onNothingSelected(AdapterView<?> arg0) {  
 }  
 });

ArrayAdapter<String> adapter4 = new  
ArrayAdapter<String>(this,android.R.layout. *simple\_spinner\_item*,\_\_\_\_\_\_\_\_\_);  
 \_\_\_\_\_\_\_\_\_.setAdapter(\_\_\_\_\_\_\_\_\_);  
 \_\_\_\_\_\_\_\_\_.setOnItemSelectedListener(new OnItemSelectedListener(){  
 public void onItemSelected(AdapterView<?> arg0, View arg1, int arg2,long arg3) {  
 indexHDD = \_\_\_\_\_\_\_\_\_.getSelectedItemPosition();  
 }  
 public void onNothingSelected(AdapterView<?> arg0) {  
 }  
 });

ArrayAdapter<String> adapter5 = new

ArrayAdapter<String>(this,android.R.layout. *simple\_spinner\_item*,\_\_\_\_\_\_\_\_\_);

\_\_\_\_\_\_\_\_\_.setAdapter(\_\_\_\_\_\_\_\_\_);  
 \_\_\_\_\_\_\_\_\_.setOnItemSelectedListener(new OnItemSelectedListener(){  
 public void onItemSelected(AdapterView<?> arg0, View arg1, int arg2, long arg3) {  
 indexVGA = \_\_\_\_\_\_\_\_\_.getSelectedItemPosition();  
 }  
 public void onNothingSelected(AdapterView<?> arg0) {  
 }  
 });

Pilih.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 tampil();  
 }  
 });  
}  
public void tampil() {  
 setContentView(R.layout.*activity\_tampil*);  
 if( (indexMobo == 2) && ((indexCPU == 0) || (indexCPU == 1)) ) {  
 indexCPU = 5;  
 indexMobo = 5;  
 }  
 if( (indexCPU == 2) && ((indexMobo == 0) || (indexMobo == 1)) ) {  
 indexCPU = 5;  
 indexMobo = 5;  
 }  
TextView NCPU = (TextView)findViewById(R.id. *NamaCPU*);  
ImageView ICPU = (ImageView)findViewById(R.id. *GambarCPU*);  
TextView HCPU = (TextView)findViewById(R.id. *HargaCPU*);  
switch (indexCPU) {  
case 0: score = score + 510;  
 harga\_total = harga\_total + 1250000;  
 NCPU.setText("Intel Core i3 3210");  
 ICPU.setBackgroundResource(R.drawable. *i3*);  
 HCPU.setText("Harga : Rp 1.250.000");  
 break;  
case 1: score = score + 630;  
 harga\_total = harga\_total + 2150000;  
 NCPU.setText("Intel Core i5 3330");  
 ICPU.setBackgroundResource(R.drawable. *i5*);  
 HCPU.setText("Harga : Rp 2.150.000");  
 break;  
case 2: score = score + 610;  
 harga\_total = harga\_total + 1750000;  
 NCPU.setText("AMD A10-5800K");  
 ICPU.setBackgroundResource(R.drawable. *a10*);

HCPU.setText("Harga : Rp 1.750.000");  
 break;  
 case 5:NCPU.setText("Prosesor tidak cocok dengan Socket Motherboard");  
 ICPU.setBackgroundResource(android.R.drawable. *btn\_star*);  
 HCPU.setText("Harga : Rp -");  
}  
TextView NMobo = (TextView)findViewById(R.id. *NamaMobo*);  
ImageView IMobo = (ImageView)findViewById(R. id. *GambarMobo*);  
TextView HMobo = (TextView)findViewById(R.id. *HargaMobo*);  
switch (indexMobo) {  
case 0: score = score + 310;  
 harga\_total = harga\_total + 850000;  
 NMobo.setText("Asus H81M-A intel Socket 1150");  
 IMobo.setBackgroundResource(R.drawable. *asush81ma*);  
 HMobo.setText("Harga : Rp 850.000");  
 break;  
case 1: score = score + 410;  
 harga\_total = harga\_total + 1750000;  
 NMobo.setText("Gigabyte G1.Sniper B5 intel Socket 1150");  
 IMobo.setBackgroundResource(R.drawable. *gigabyteg1*);  
 HMobo.setText("Harga : Rp 1.750.000");  
 break;  
case 2: score = score + 350;  
 harga\_total = harga\_total + 1450000;  
 NMobo.setText("Asus F2A85-M LE AMD Socket FM2");  
 IMobo.setBackgroundResource(R.drawable. *asusf2a85*);  
 HMobo.setText("Harga : Rp 1.450.000");  
 break;  
case 5:NMobo.setText("Socket Prosesor Motherboard tidak cocok dengan Prosesor");  
IMobo.setBackgroundResource(android.R.drawable. *btn\_star*);  
HMobo.setText("Harga : Rp -");  
}  
TextView NRAM = (TextView)findViewById(R.id. *NamaRAM*);  
ImageView IRAM = (ImageView)findViewById(R.id. *GambarRAM*);  
TextView HRAM = (TextView)findViewById(R.id. *HargaRAM*);  
switch (indexRAM) {  
case 0: score = score + 300;  
 harga\_total = harga\_total + 550000;  
 NRAM.setText("Corsair CML4GX3M1A1600C9 (1 x 4Gb) DDR3");  
 IRAM.setBackgroundResource(R.drawable. *corsair*);  
 HRAM.setText("Harga : Rp 550.000");  
 break;  
case 1: score = score + 290;  
 harga\_total = harga\_total + 520000;  
 NRAM.setText("Kingston KHX1600C9D3/4G DDR3");  
 IRAM.setBackgroundResource(R.drawable. *kingstone*);  
 HRAM.setText("Harga : Rp 520.000");  
 break;  
case 2: score = score + 330;  
 harga\_total = harga\_total + 470000;

NRAM.setText("PATRIOT PV3 (2x4Gb) DDR3");  
 IRAM.setBackgroundResource(R.drawable. *patriot*);  
 HRAM.setText("Harga : Rp 470.000");  
 break;  
}  
TextView NHDD = (TextView)findViewById(R.id. *NamaHDD*);  
ImageView IHDD = (ImageView)findViewById(R.id. *GambarHDD*);  
TextView HHDD = (TextView)findViewById(R.id. *HargaHDD*);  
switch (indexHDD) {  
case 0: score = score + 250;  
 harga\_total = harga\_total + 770000;  
 NHDD.setText("Hitachi SATA III 1TB 3.5Inch");  
 IHDD.setBackgroundResource(R.drawable. *hitachi*);  
 HHDD.setText("Harga : Rp 770.000");  
 break;  
case 1: score = score + 270;  
 harga\_total = harga\_total + 670000;  
 NHDD.setText("Seagate SATA III 500Gb 7200RPM 16Mb 3.5Inch");  
 IHDD.setBackgroundResource(R.drawable. *seagate*);  
 HHDD.setText("Harga : Rp 670.000");  
 break;  
case 2: score = score + 250;  
 harga\_total = harga\_total + 1170000;  
 NHDD.setText("WDC SATA III Blue 1 TB 64Mb 3.5Inch");  
 IHDD.setBackgroundResource(R.drawable. *wdc*);  
 HHDD.setText("Harga : Rp 1.170.000");  
 break;  
}  
TextView NVGA = (TextView)findViewById(R.id. *NamaVGA*);  
ImageView IVGA = (ImageView)findViewById(R.id. *GambarVGA*);  
TextView HVGA = (TextView)findViewById(R.id. *HargaVGA*);  
switch (indexVGA) {  
case 0: score = score + 500;  
 harga\_total = harga\_total + 1370000;  
 NVGA.setText("Gigabyte GTX 550 Ti 1Gb 192Bit DDR5");  
 IVGA.setBackgroundResource(R.drawable. *gigabytegtx550*);  
 HVGA.setText("Harga : Rp 1.370.000");  
 break;  
case 1: score = score + 550;  
 harga\_total = harga\_total + 1750000;  
 NVGA.setText("Asus GTX 650 DC OC 1Gb 128Bit DDR5");  
 IVGA.setBackgroundResource(R.drawable. *asusgtx650*);  
 HVGA.setText("Harga : Rp 1.750.000");  
 break;  
case 2: score = score + 570;  
 harga\_total = harga\_total + 1870000;  
 NVGA.setText("MSI HD 7790 OC 1GB DDR5 Ati Radeon PCI Exp. ");  
 IVGA.setBackgroundResource(R.drawable. *msiradeon*);  
 HVGA.setText("Harga : Rp 1.870.000");  
 break;  
}  
TextView Htotal = (TextView)findViewById(R.id. *HargaTotal*);

TextView Score = (TextView)findViewById(R.id. *Score*);  
 String harga\_totals = "" + harga\_total;  
 Htotal.setText("Total Harga : " + harga\_totals);  
 String scores = "" + score;  
 Score.setText("Score Performance : " + scores);  
 kembali = (Button)findViewById(R.id. *kembali*);  
 kembali.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 score = 0;  
 harga\_total = 0;  
 programutama();  
 }  
});  
}  
}