

Class HinhHoc {

 float PI = 3.14;

 String ten;

 float ChuVi;

 float DienTich;

 float TheTich;

 public HinhHoc () {

 this.ChuVi = ChuVi;

 this.DienTich = DienTich;

 this.TheTich = TheTich;

 this.ten = ten;

}

 public void xuatTen () {

 System.out.println ("--" + ten + "--");

 public void inChuVi () {

 System.out.println ("Gia tri Chu vi: " + ChuVi);

}

 public void inDienTich () {

 System.out.println ("Gia tri Dien Tich: " + DienTich);

}

 public void inTheTich () {

 System.out.println ("Gia tri the tich: " + TheTich);

}

```
import java.util.Scanner;  
public class HinhTron extends HinhHoc {  
    public float banKinh;  
    public HinhTron () {  
        ten = "Hình Tròn";  
    }  
    public void nhapBanKinh () {  
        System.out.println ("Nhập bán kính = ");  
        Scanner scanner = new Scanner (System.in);  
        banKinh = scanner.nextFloat ();  
    }  
    public void tinhChuVi () {  
        ChuVi = 2 * PI * banKinh;  
    }  
    public void tinhDienTich () {  
        DienTich = PI * banKinh * banKinh;  
    }  
    public class HinhChuNhat extends HinhHoc {  
        public float dai;  
        public float rong;  
        public HinhChuNhat () {  
            ten = "Hình Chu Nhat";  
        }  
        public void NhapChieuDai () {  
    }
```

System.out.println ("Chieu dai = ");

Scanner scanner = new Scanner (System.in);

dai = scanner.nextDouble();

2

public void nhapChieuRong () {

System.out.println ("Chieu Rong = ");

Scanner scanner = new Scanner (System.in);

rong = scanner.nextDouble();

3

public void tinhChuVi () {

ChuVi = 2 * (dai + rong);

4

public void tinhDienTich () {

DienTich = dai * rong;

5

6 public class HinhTru extends HinhTron {

7 public float ChieuCao;

8 public HinhTru () {

ten = "Hinh Tru";

9

10 public void nhapChieuCao () {

11 System.out.println ("Chieu Cao = ");

12 Scanner scanner = new Scanner (System.in);

```
ChieuCao = Scanner.nextFloat();  
}  
public void tinhTheTich () {  
    TheTich = PI * banKinh * banKinh * ChieuCao;  
}  
}  
public class HinhVuong extends HinhChuNhat {  
    public HinhVuong () {  
        ten = "Hình Vuông";  
    }  
    public void nhapCanh () {  
        System.out.println ("Canh = ");  
        Scanner scanner = new Scanner (System.in);  
        doi = longCanh = scanner.nextFloat ();  
    }  
    public float Canh {  
    }  
}  
Package main;  
import shapes.HinhChuNhat;  
import shapes.HinhThoi;  
import shapes.HinhThu;  
import shapes.HinhVuong;  
public class mainclass {  
    public static void main (String [] args) {
```

HinhTron T = new HinhTron();

T. xuatTen();

T. nhapBanKinh();

T. tinhDienTich();

T. inChuVi();

T. inDienTich();

HinhTron Tu = new HinhTron();

Tu. xuatTen();

Tu. nhapChieuCa();

Tu. tinhTheTich();

Tu. inTheTich();

HinhChuNhat Hcn = new HinhChuNhat();

Hcn. xuatTen();

Hcn. nhapChieuRai();

Hcn. tinhChuVi();

Hcn. tinhDienTich();

Hcn. inChuVi();

Hcn. inDienTich();

~~Hcn~~ HinhVuong V = new HinhVuong();

V. xuatTen();

V. nhapCanh();

V. tinhChuVi();

V. tinhDienTich();

V. inChuVi();

V. inDienTich();

}