



THE STATES UNIVERSITY OF ZANZIBAR:  
SCHOOL OF BUSINESS (SoBu)

Name: Shakilu Karumuna Fadhil:

Course: Object Oriented Programing

Reg: BITA/5/21/056/TZ.

```
import java.util.Scanner;
```

```
class Company{
```

```
int companyid;
```

```
String company_name;
```

```
String company_type;
```

```
String company_discription;
```

```
public void getcompany_id(){
```

```
Scanner input = new Scanner(System.in);
```

```
System.out.println("enter comany id");
```

```
int company_id=input.nextInt();
```

```
}  
  
public void getcompany_name() {  
    Scanner get = new Scanner(System.in);  
    System.out.println("enter company_name ");  
    String company_name=get.nextLine();  
  
}  
  
public void getcompany_type() {  
    Scanner zf = new Scanner(System.in);  
    System.out.println("enter company_type");  
    String company_type=zf.nextLine();  
}  
  
public void getcompany_description(){  
    Scanner bye = new Scanner(System.in);  
    System.out.println("enter company_description");  
    String company_description=bye.nextLine();  
  
}  
  
public void setcompany_name(){  
    company_name=company_name;  
  
}  
  
public void setcompany_id(){
```

```
companyid=companyid;
}
public void setcompany_type(){
company_type=company_type;
}
public void setcompany_description(){
company_discription=company_discription;
}
}
```

```
import java.util.Scanner;
```

```
class Medicinenes extends Company {
int Medicines_id;
String Medicines_name;
String Medicine_company;
String Medicine_cost;
String Medicines_dose;
public Medicinenes(int Medicines_idIn,String Medicines_nameIn,String
medicine_companyIn, String Medicine_costIn, String Medicines_doseIn){
this.Medicines_id=Medicines_idIn;
this.Medicines_name=Medicines_nameIn;
this.Medicine_company=medicine_companyIn;
this.Medicine_cost=Medicine_costIn;
this.Medicines_dose=Medicines_doseIn;
```

```
}  
  
public void getmedicines_Id(){  
    Scanner sof = new Scanner(System.in);  
    System.out.println("enter medicines_id");  
    int medicines_id= sof.nextInt();  
  
}  
  
public void getmedicines_nane(){  
    Scanner RT = new Scanner(System.in);  
    System.out.println("enter medicines_name");  
    String medicines_name= RT.nextLine();  
}  
  
public void getmedicines_company(){  
    Scanner wx = new Scanner(System.in);  
    System.out.println("enter medicines_company");  
    String medicines_company= wx.nextLine();  
}  
  
public void getmedicines_cost(){  
    Scanner TP = new Scanner(System.in);  
    System.out.println("enter medicines_cost");  
    String medicines_cost= TP.nextLine();  
}  
  
public void getmedicines_dose(){  
    Scanner dx = new Scanner(System.in);
```

```

System.out.println("enter medicines_dose");
String medicines_dose= dx.nextLine();
}
public void setmedicines_id(){
Medicines_id=Medicines_id;
}
public void setmedicines_name(){
Medicines_name=Medicines_name;
}
public void setmedicines_company(){
Medicine_company=Medicine_company;
}
public void setmedicines_cost(){
Medicine_cost=Medicine_cost;
}
public void setmedicines_dose(){
Medicines_dose=Medicines_dose;
}
}
import java.util.Scanner;

public class Inventory extends Company {
int Inventory_id;
String Inventory_number;

```

```
String Inventory_type;
String Inventory_item;
String Inventory_description;

public Inventory(int Inventory_idin,String Inventory_numberin,String
Inventory_typein,String Inventory_itemin,String Inventory_descriptionin ){

this.Inventory_id=Inventory_idin;

this.Inventory_number=Inventory_numberin;

this.Inventory_type=Inventory_typein;

this.Inventory_item=Inventory_itemin;

this.Inventory_description=Inventory_descriptionin;

}

public void getInventory_id(){
Scanner bp=new Scanner(System.in);
System.out.println("enter Inventory_id");
int Inventory_id=bp.nextInt();
}

public void getInventory_number(){
Scanner ceo=new Scanner(System.in);
System.out.println("enter Inventory_number");
String Inventory_number=ceo.nextLine();
}

public void getInventory_type(){
Scanner ce=new Scanner(System.in);
System.out.println("enter Inventory_type");
String Inventory_number=ce.nextLine();
```

```
}  
  
public void getInventory_item(){  
    Scanner xh=new Scanner(System.in);  
    System.out.println("enter Inventory_item");  
    String Inventory_item=xh.nextLine();  
}  
  
public void getInventory_description(){  
    Scanner px=new Scanner(System.in);  
    System.out.println("enter Inventory_description");  
    String Inventory_number=px.nextLine();  
}  
  
public void setInventoryid(){  
    Inventory_id=Inventory_id;  
}  
  
public void setInventorynumber(){  
    Inventory_number=Inventory_number;  
}  
  
public void setInventorytype(){  
    Inventory_type=Inventory_type;  
}  
  
public void setInventoryitem(){  
    Inventory_item=Inventory_item;  
}  
  
public void setInventorydescription(){
```



```
Inventory_description=Inventory_description;  
}  
}
```

```
Import java.util.Scanner;
```

```
public class Sales extends Company {  
    int SellID;  
    String Sellname;  
    String Selltype;  
    String Selldescription;  
    public Sales(int SellID,String Sellnm,String Selltp,String Selldesc){  
  
    }  
    public void getSellID(){  
        Scanner MC=new Scanner(System.in);  
        System.out.println("enter sellId");  
        int sellId=MC.nextInt();  
    }  
    public void getSellname(){  
        Scanner hb=new Scanner(System.in);  
        System.out.println("enter the name of sell");  
        String Sellname=hb.nextLine();  
    }  
}
```

```
public void getSelltype(){
Scanner guc=new Scanner(System.in);
System.out.println("enter the selltype");
String Selltype=guc.nextLine();
}
public void getSelldescription(){
Scanner mercury=new Scanner(System.in);
System.out.println("enter Selldescription");
String Selldescription=mercury.nextLine();
}
public void setSellID(){
SellID=SellID;
}
public void setSellname(){
Sellname=Sellname;
}
public void setSelltype(){
Selltype=Selltype;
}
public void setSelldescription(){
Selldescription=Selldescription;
}
```

```
}
```

```
Import java.util.Scanner;
```

```
public class Permission extends Company {  
    private int PermissionId;  
    private int Permissionrole;  
    private String permissiontitle;  
    private String permissionmodule;  
    private String permissiondescription;  
    public Permission(int PermissionI,int Permissionrl,String permissiontil,String  
    permissiondule,String permissiondesc){  
        this.PermissionId=PermissionI;  
        this.Permissionrole=Permissionrl;  
        this.permissiontitle=permissiontil;  
        this.permissionmodule=permissiondule;  
        this.permissiondescription=permissiondesc;  
    }  
    public void setpermissionI(){  
        PermissionId=PermissionId;  
    }  
    public void setpermissionrl(){  
        Permissionrole=Permissionrole;  
    }  
}
```

```
public void setpermissiontil(){
permissiontitle=permissiontitle;

}

public void setpermissiondule(){
permissionmodule=permissionmodule;
}

public void setpermissiondesc(){
permissiondescription =permissiondescription;
}

public void getpermissionI(){
Scanner NI=new Scanner(System.in);
System.out.println("enter permission Id");
int PermissionI=NI.nextInt();
}

public void getpermissionrl(){
Scanner gl= new Scanner(System.in);
System.out.println("enter permission role");
int Permissionrole=gl.nextInt();
}

public void getpermissiontil(){
Scanner tl= new Scanner(System.in);
System.out.println("enter permission title");
String Permissiontitle=tl.nextLine();
```

```

    }

    public void getpermissiondule(){
        Scanner dl= new Scanner(System.in);
        System.out.println("enter permission module");
        String Permissionmodule=dl.nextLine();
    }

    public void getpermissiondesc(){
        Scanner dec= new Scanner(System.in);
        System.out.println("enter permission description");
        String permissiondesc=dec.nextLine();
    }
}

import java.util.Scanner;

public class Role {
    private int RoleId;
    private String Roletitle;
    private String Roledescription;
    public Role(int RoleId,String Roletitle, String Roledescription){

    }

    public void setRoleId(){
        RoleId=RoleId;
    }
}

```

```
public void setRoletitle(){
Roletitle=Roletitle;
}
public void setRoledescription(){
Roledescription=Roledescription;
}
public void getRoleId(){
Scanner rl=new Scanner(System.in);
System.out.println("enter roleid");
int roleid= rl.nextInt();
}
public void getRoletitle(){
Scanner tl=new Scanner(System.in);
System.out.println("enter role title");
String Roletitle=tl.nextLine();
}
public void getRoledescription(){
Scanner rd=new Scanner(System.in);
System.out.println("enter role description");
String Roledescription=rd.nextLine();
}

}

import java.util.Scanner;
```

```
public class Stock extends Company {
    private int StockId;
    private String StockItem;
    private String Stocktype;
    private String Stocknumber;
    private String Stockdescription;

    public Stock(int StockI,String StockIem,String Stocktye, String Stocknumbr,String
    Stockdesc){
        this.StockId=StockI;
        this.StockItem=StockIem;
        this.Stocktype=Stocktye;
        this.Stocknumber=Stocknumbr;
        this.Stockdescription=Stockdesc;
    }

    public void getstockId(){
        Scanner ip=new Scanner(System.in);
        System.out.println("enter stockId");
        int stockId=ip.nextInt();
    }

    public void getstockitem(){
        Scanner bf = new Scanner(System.in);
        System.out.println("enter stockitem");
        String stockitem=bf.nextLine();
    }
}
```

```
public void getstocktype(){
Scanner wise = new Scanner(System.in);
System.out.println("enter stocktype");
String stockitem=wise.nextLine();
}

public void getstocknumber(){
Scanner gk = new Scanner(System.in);
System.out.println("enter stocknumber");
String stockitem=gk.nextLine();
}

public void getstockdesc(){
Scanner input = new Scanner(System.in);
System.out.println("enter stockdescription");
String stockitem=input.nextLine();
}

public void setstockI(){
StockId=StockId;
}

public void setstockitem(){
StockItem=StockItem;
}

public void setstocktype(){
Stocktype=Stocktype;
}
```



```
public void setstocknumber(){
    Stocknumber=Stocknumber;
}

public void setstockdesc(){
    Stockdescription=Stockdescription;
}

}
```

```
import java.sql.Date;
import java.util.Scanner;
```

```
public class User extends Company {
    private int UserId;
    private int Userrole;
    private String Username;
    private String Useremail;
    private String Useraddress;
    private Date Userdob;

    public User(int UserIdIn,int UserroleIn,String UsernameIn,String
    UseremailIn,String UseraddressIn,Date UserdobIn){
        this.UserId=UserIdIn;
        this.Userrole=UserroleIn;
        this.Username=UsernameIn;
        this.Useremail=UseremailIn;
```

```
this.Useraddress=UseraddressIn;
this.Userdob=UserdobIn;

}

public void getuserId(){
Scanner hex=new Scanner(System.in);
System.out.println("enter userid");
int userid=hex.nextInt();

}

public void getUserrole(){
Scanner hf=new Scanner(System.in);
System.out.println("enter userrole");
int userrole=hf.nextInt();

}

public void getUsername(){
Scanner hec=new Scanner(System.in);
System.out.println("enter username");
String username=hec.nextLine();

}

public void getUseremail(){
Scanner em=new Scanner(System.in);
```

```
System.out.println("enter useremail");
String useremail=em.nextLine();

}

public void getuseraddress(){
Scanner dd=new Scanner(System.in);
System.out.println("enter useraddress");
String useraddress=dd.nextLine();

}

public void getuserdob(){
Scanner bth=new Scanner(System.in);
System.out.println("enter userdate of birth");
int dob = bth.nextInt();

}

public void setuserIdIn(){
UserId=UserId;
}

public void setUserroleIn(){
Userrole=Userrole;
}

public void setUsernameIn(){
```

```
Username=Username;
}
public void setUseremailIn(){
Useremail=Useremail;
}
public void setUseraddressIn(){
Useraddress=Useraddress;
}
public void setUserdobIn(){
Userdob=Userdob;
}

}
```