Question no.1

Publication class:

public class publication {  
 protected String title;  
 protected int price;  
 public publication(String title, int price){  
 this.title=title;  
 this.price=price;  
  
 }  
  
 public publication() {  
 }  
  
 public void setPrice(int price) {  
 this.price = price;  
 }  
  
 public int getPrice() {  
 return price;  
 }  
  
 public void setTitle(String title) {  
 this.title = title;  
 }  
  
 public String getTitle() {  
 return title;  
 }  
 public void display(){  
 System.*out*.println(" TiTle "+title);  
 System.*out*.println("Price "+price);  
 }  
}

Book class:

public class book extends publication{  
 protected int pageCount;  
 public book(String title, int price, int pageCount){  
 super(title,price);  
 this.pageCount=pageCount;  
 }  
  
 public book() {  
 }  
  
 public void setPageCount(int pageCount) {  
 this.pageCount = pageCount;  
 }  
  
 public int getPageCount() {  
 return pageCount;  
 }  
 public void display(){  
 System.*out*.println("page count"+pageCount);  
 System.*out*.println("title "+super.title);  
 System.*out*.println("price"+super.price);  
 }  
  
}

Tape class:

public class tape extends publication{  
 protected int playingTime;  
 public tape(String title, int price, int playingTime){  
 super(title,price);  
 this.playingTime=playingTime;  
 }  
  
 public tape() {  
 }  
  
 public void setPlayingTime(int playingTime) {  
 this.playingTime = playingTime;  
 }  
  
 public int getPlayingTime() {  
 return playingTime;  
 }  
 public void Display(){  
 System.*out*.println("Playing time"+playingTime);  
 System.*out*.println("tape price"+super.price);  
 System.*out*.println("Title tape"+super.title);  
 }  
}

runner:

public class lab\_8\_Runner {  
 public static void main(String[] args) {  
 book boo=new book();  
 tape t= new tape();  
 boo.display();  
 t.display();  
 }  
}

Question no.2

Computer class:

public class computer {  
 protected String wordSize;  
 protected String memorySize;  
 protected String storageSize;  
 protected String speed;  
 public computer(String wordSize,String memorySize, String storageSize, String speed){  
 this.memorySize=memorySize;  
 this.speed=speed;  
 this.wordSize=wordSize;  
 this.storageSize=storageSize;  
 }  
 public void display(){  
 System.*out*.println(" Word Size "+wordSize);  
 System.*out*.println(" Memory Size "+wordSize);  
 System.*out*.println(" Storage Size "+wordSize);  
 System.*out*.println(" \*Speed "+wordSize);  
 }  
}

laptop class:

public class laptop extends computer {  
 protected int length;  
 protected int height;  
 protected int width;  
 protected int weight;  
 public laptop(String wordSize,String memorySize, String storageSize, String speed,int length, int height, int weight, int width){  
 super(wordSize,storageSize,speed,memorySize);  
 this.height=height;  
 this.length=length;  
 this.weight=weight;  
 this.width=width;  
 }  
 public void display(){  
 System.*out*.println("Length "+length);  
 System.*out*.println("Width "+width);  
 System.*out*.println("Height "+height);  
 System.*out*.println("Weight "+weight);  
 }  
}

runner:

public class lab8\_Runner {  
 public static void main(String[] args) {  
 computer c=new computer();  
 c.display();  
 laptop l = new laptop();  
 l.display();  
 }  
}