Assignment Day 4

Q.1

**package** aug5;

**import** java.util.Scanner;

**public** **class** Avenger {

Scanner sc=**new** Scanner(System.***in***);

String name,weapon,planet;

**double** power;

**int** age;

**public** **void** getDetails()

{

System.***out***.println("Enter Name:");

name=sc.nextLine();

System.***out***.println("Enter Weapon:");

weapon=sc.nextLine();

System.***out***.println("Enter Planet:");

planet=sc.nextLine();

System.***out***.println("Enter Power:");

power=sc.nextDouble();

System.***out***.println("Enter Age:");

age=sc.nextInt();

}

**void** display()

{

System.***out***.println("The Name is :"+name);

System.***out***.println("The Weapon is :"+weapon);

System.***out***.println("The Planet is :"+planet);

System.***out***.println("The Power is :"+power);

System.***out***.println("The Age is :"+age);

}

**public** **static** **void** main(String[] args) {

Avenger[] avg=**new** Avenger[5];

**for**(**int** i=0;i<5;i++)

{

avg[i]=**new** Avenger();

avg[i].getDetails();

}

**for**(**int** i=0;i<5;i++)

{

avg[i].display();

}

}

}

Output:

Enter Name:

Hulk

Enter Weapon:

A Bullet

Enter Planet:

Earth

Enter Power:

58.265

Enter Age:

45

Enter Name:

Thor

Enter Weapon:

Thunderstrike

Enter Planet:

Mars

Enter Power:

896.235

Enter Age:

56

Enter Name:

Iron Man

Enter Weapon:

Crusher

Enter Planet:

Jupiter

Enter Power:

896.235

Enter Age:

89

Enter Name:

Captain America

Enter Weapon:

Stormcaster

Enter Planet:

Venus

Enter Power:

7896.256

Enter Age:

563

Enter Name:

Loki

Enter Weapon:

Hammer

Enter Planet:

Saturn

Enter Power:

896.32

Enter Age:

78

The Name is :Hulk

The Weapon is :A Bullet

The Planet is :Earth

The Power is :58.265

The Age is :45

The Name is :Thor

The Weapon is :Thunderstrike

The Planet is :Mars

The Power is :896.235

The Age is :56

The Name is :Iron Man

The Weapon is :Crusher

The Planet is :Jupiter

The Power is :896.235

The Age is :89

The Name is :Captain America

The Weapon is :Stormcaster

The Planet is :Venus

The Power is :7896.256

The Age is :563

The Name is :Loki

The Weapon is :Hammer

The Planet is :Saturn

The Power is :896.32

The Age is :78

Q.2.

**package** aug5;

**public** **class** Odd {

**public** **static** **void** main(String[] args) {

**int** a[]=**new** **int**[5];

a[0]=45;

a[1]=44;

a[2]=59;

a[3]=23;

a[4]=22;

**for** (**int** i = 0; i < 5; i++)

{

**if** (a[i] % 2 != 0)

{

System.***out***.println ("The odd numbers are: " + a[i]);

}

}

}

}

Output:

The odd numbers are: 45

The odd numbers are: 59

The odd numbers are: 23

Q.3

**package** aug5;

**import** java.util.Scanner;

**public** **class** Sum {

**public** **static** **void** main(String args[]){

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

**int**[] array = **new** **int**[5];

**int** sum = 0;

System.***out***.println("Enter the elements:");

**for** (**int** i=0; i<5; i++)

{

array[i] = scanner.nextInt();

}

**for**( **int** num : array) {

sum = sum+num;

}

System.***out***.println("Sum of array elements is:"+sum);

}

}

Output:

Enter the elements:

78

56

45

23

965

Sum of array elements is:1167