package com.demo1;  
import java.util.Scanner;  
public class Main {  
 public static void main(String[] args) {  
 Demo1 e1=new Demo1();  
 e1.getDetails();  
 e1.displayDetails();  
  
 Demo1 e2=new Demo1();  
 e2.getDetails();  
 e2.displayDetails();  
  
 Demo1 e3=new Demo1();  
 e3.getDetails();  
 e3.displayDetails();  
  
 Demo1 e4=new Demo1();  
 e4.getDetails();  
 e4.displayDetails();  
  
 Demo1 e5=new Demo1();  
 e5.getDetails();  
 e5.displayDetails();

}  
}

package com.demo1;  
import java.util.Scanner;  
public class Demo1 {  
 Scanner sc=new Scanner(System.*in*);  
 public String name;  
 public int age;  
 public String power;  
 public String weapon;  
 public String planet;  
 public void getDetails() {  
 System.*out*.println("Enter the name");  
 name=sc.nextLine();  
 System.*out*.println("Enter the age");  
 age=sc.nextInt();  
 System.*out*.println("Enter the power");  
 power=sc.next();  
 System.*out*.println("Enter the weapon");  
 weapon=sc.next();  
 System.*out*.println("Enter the planet");  
 planet=sc.next();  
 }  
 public void displayDetails() {  
 System.*out*.println("the name is "+name+" and the age is "+age+" and the power is "+power+" and the weapon is "+weapon+" and the planet is "+planet);  
 }  
}

**output 1:**"C:\Program Files\Java\jdk-15\bin\java.exe" "-javaagent:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\lib\idea\_rt.jar=55048:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\bin" -Dfile.encoding=UTF-8 -classpath C:\Users\ELCOT\IdeaProjects\Employees\out\production\Employees com.employees.Main

Enter the name

ironman

Enter the age

43

Enter the power

suit

Enter the weapon

laser

Enter the planet

earth

the name is ironman and the age is 43 and the power is suit and the weapon is laser and the planet is earth

Enter the name

thor

Enter the age

1500

Enter the power

thonder

Enter the weapon

mjolnir

Enter the planet

asgard

the name is thor and the age is 1500 and the power is thunder and the weapon is mjolnir and the planet is asgard

Enter the name

dr.strange

Enter the age

41

Enter the power

flight

Enter the weapon

eye

Enter the planet

earth

the name is dr.strange and the age is 41 and the power is flight and the weapon is eye and the planet is earth

Enter the name

hulk

Enter the age

35

Enter the power

lifeGivingBlood

Enter the weapon

strength

Enter the planet

earth

the name is hulk and the age is 35 and the power is lifeGivingBlood and the weapon is strength and the planet is earth

Enter the name

spiderman

Enter the age

27

Enter the power

nightVision

Enter the weapon

webShooter

Enter the planet

earth

the name is spiderman and the age is 27 and the power is nightVision and the weapon is webShooter and the planet is earth

Process finished with exit code 0

package com.demo2;  
  
public class Main {  
 public static void main(String[] args) {  
 int a[]={1,2,3,4,5};  
 System.*out*.println("Odd Numbers:");  
 for(int i=0;i<a.length;i++)  
 {  
 if(a[i]%2!=0)  
 {  
 System.*out*.println(a[i]);  
 }  
 }  
 }  
}

**output 2:**

"C:\Program Files\Java\jdk-15\bin\java.exe" "-javaagent:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\lib\idea\_rt.jar=54627:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\bin" -Dfile.encoding=UTF-8 -classpath C:\Users\ELCOT\IdeaProjects\Employees\out\production\Employees com.employees.Main

Odd Numbers:

1

3

5

Process finished with exit code 0

package com.demo3;  
import java.util.Scanner;  
public class Main {  
 public static void main(String[] args) {  
 Scanner sc=new Scanner(System.*in*);  
 int[] array=new int[5];  
 int sum=0;  
 for (int i=0;i<5;i++)  
 {  
 System.*out*.println("Enter the number:");  
 array[i]=sc.nextInt();  
 }  
 for(int num:array)  
 {  
 sum=sum+num;  
 }  
 System.*out*.println("Sum of the array is:"+sum);  
 }  
}

**output 3:**

"C:\Program Files\Java\jdk-15\bin\java.exe" "-javaagent:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\lib\idea\_rt.jar=54631:C:\Users\ELCOT\Downloads\IntelliJ IDEA Community Edition 2020.2.3\bin" -Dfile.encoding=UTF-8 -classpath C:\Users\ELCOT\IdeaProjects\Employees\out\production\Employees com.employees.Main

Enter the number:

1

Enter the number:

2

Enter the number:

3

Enter the number:

4

Enter the number:

5

Sum of the array is:15

Process finished with exit code 0