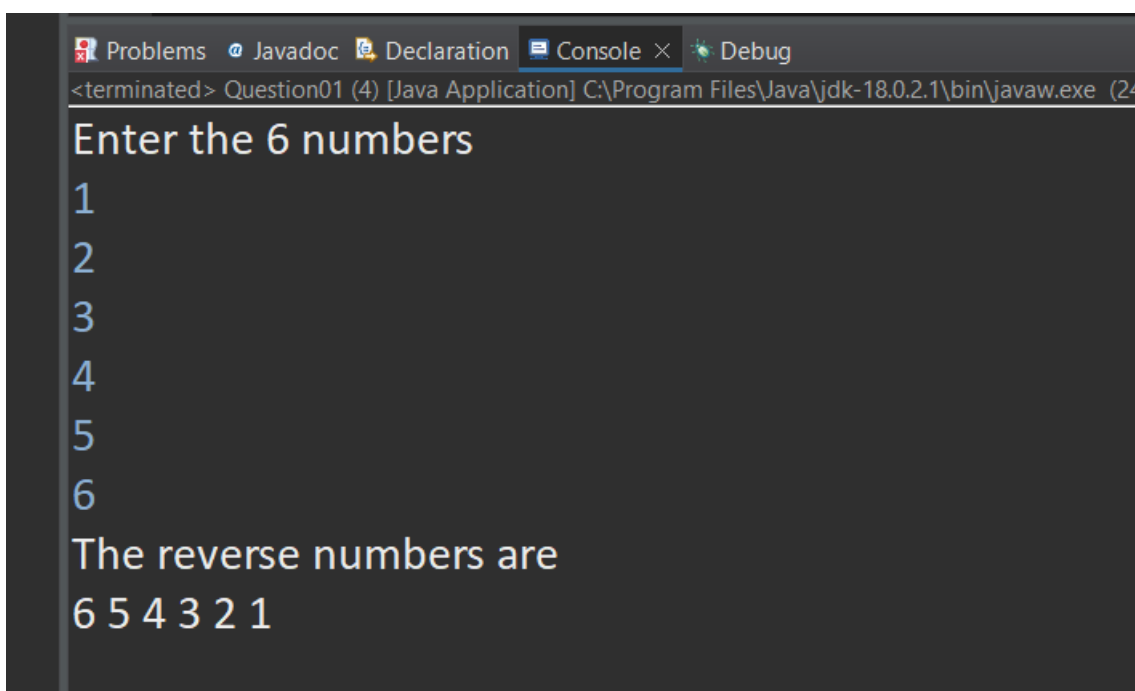Name: Pradeep Patil

Batch: B

Mail Id: pradippatil719@gmail.com

```java
//Q 1 wap to define an array of integer of size 6 .Take input from user and display it in
reverse order
import java.util.Scanner;
public class Question01 {

	public static void main(String[] args) {
		Scanner s=new Scanner(System.in);
		int num[]=new int[6];
		System.out.println("Enter the 6 numbers");
		for(int i=0;i<num.length;i++)
		{
			num[i]=s.nextInt();
		}
		System.out.println("The reverse numbers are");
		for(int j=num.length-1;j>=0;j--)
		{
			System.out.print(num[j]+" ");
		}
		s.close();
	}
}
```
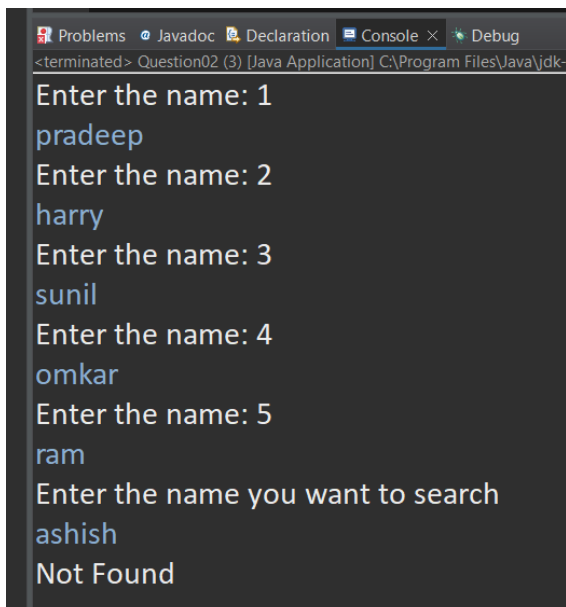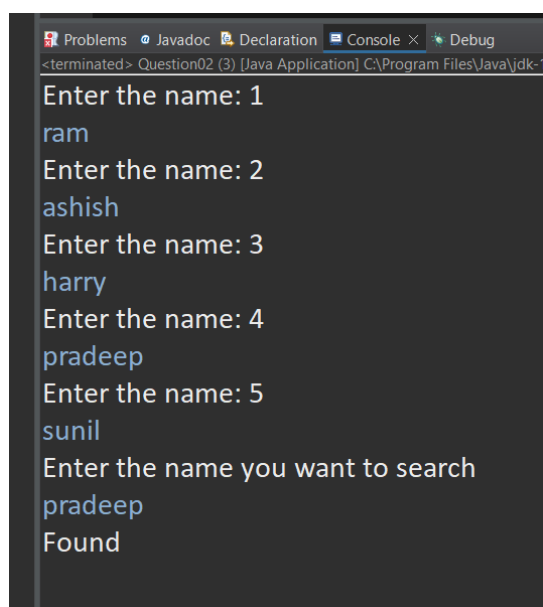
```java
//Q 2 wap to ask 5 names from user and check if particular name exists in array or not .
import java.util.Scanner;
public class Question02 {
    public static void main(String[] args) {
        Scanner s=new Scanner(System.in);
        String name[]=new String[5];
        int count=0;
        for(int i=0;i<name.length;i++)
        {
            System.out.println("Enter the name: "+(i+1));
            name[i]=s.nextLine();
        }
        System.out.println("Enter the name you want to search");
        String name2=s.nextLine();
        for(int i=0;i<name.length;i++)
        {
            if(name2.equalsIgnoreCase(name[i]))
                {
                System.out.println("Found");
                count=1;
                break;
                }
        }
        if(count==0)System.out.println("Not Found");
        s.close();
    }
}
```
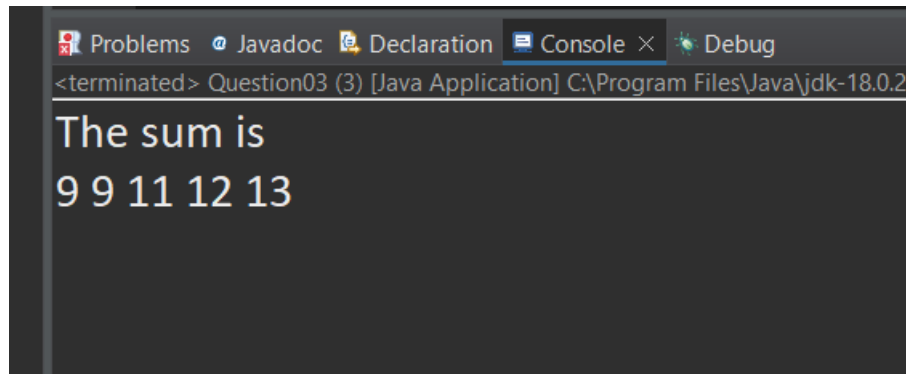
Enter the name: 1
pradeep
Enter the name: 2
harry
Enter the name: 3
sunil
Enter the name: 4
omkar
Enter the name: 5
ram
Enter the name you want to search
ashish
Not Found

Enter the name: 1
ram
Enter the name: 2
ashish
Enter the name: 3
harry
Enter the name: 4
pradeep
Enter the name: 5
sunil
Enter the name you want to search
pradeep
Found

```java
//Q 3 wap to define an array of integer and assign value in program and print sum of all
values
public class Question03 {

        public static void main(String[] args) {
                int a[]= {1,5,9,7,6};
                int b[]= {8,4,2,5,7};
                int sum[]=new int[5];
                System.out.println("The sum is ");
for(int i=0;i<a.length;i++)
{
        sum[i]=a[i]+b[i];
        System.out.print(sum[i]+" ");
}
        }
}
```
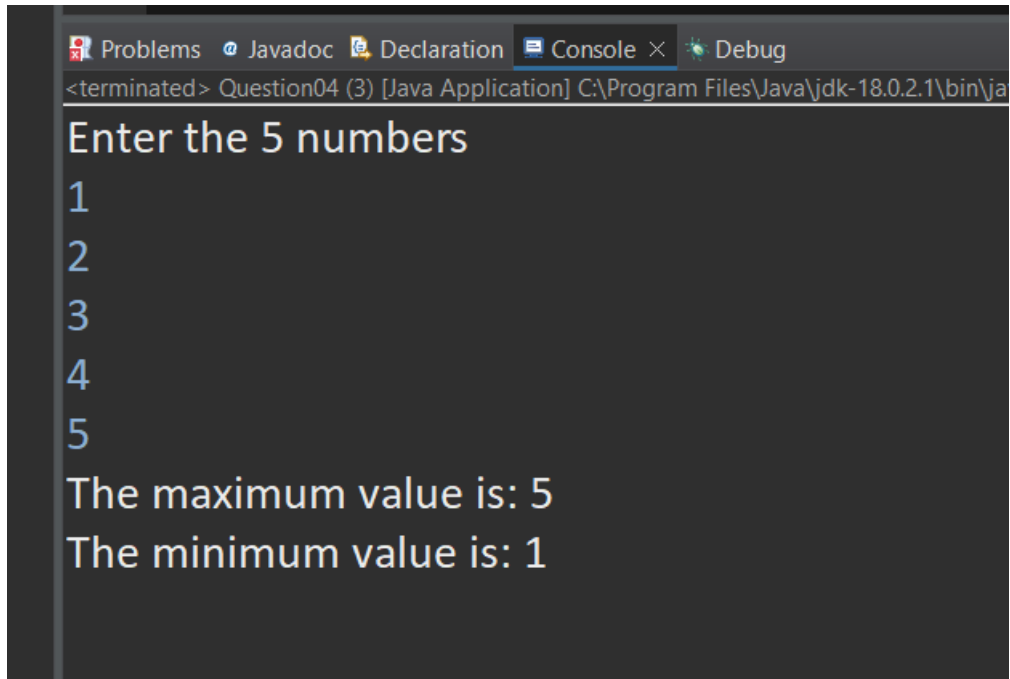
```java
//Q 4 wap to print max and minimum value in given array
import java.util.Scanner;
public class Question04 {

        public static void main(String[] args) {
                int max=Integer.MIN_VALUE;
                int min=Integer.MAX_VALUE;
                Scanner s=new Scanner(System.in);
                int num[]=new int[5];
                System.out.println("Enter the 5 numbers");
                for(int i=0;i<num.length;i++)
                {
                        num[i]=s.nextInt();
                }
                for(int e: num)
                {
                        if(e>max) max=e;
```

```java
        }
        for(int g:num)
        {
                if(g<min) min=g;
        }
        System.out.print("The maximum value is: "+max+"\n");
        System.out.print("The minimum value is: "+min);
        s.close();
    }
}
```

```java
//Q 5 wap to find and print even numbers in given array
import java.util.Scanner;

public class Question05 {

    public static void main(String[] args) {
        Scanner s=new Scanner(System.in);
        int num[]=new int[5];
        System.out.println("Enter the 5 numbers");
        for(int i=0;i<num.length;i++)
        {
                num[i]=s.nextInt();
        }
        System.out.println("The even numbers are ");
        for(int i=0;i<num.length;i++)
        {
```
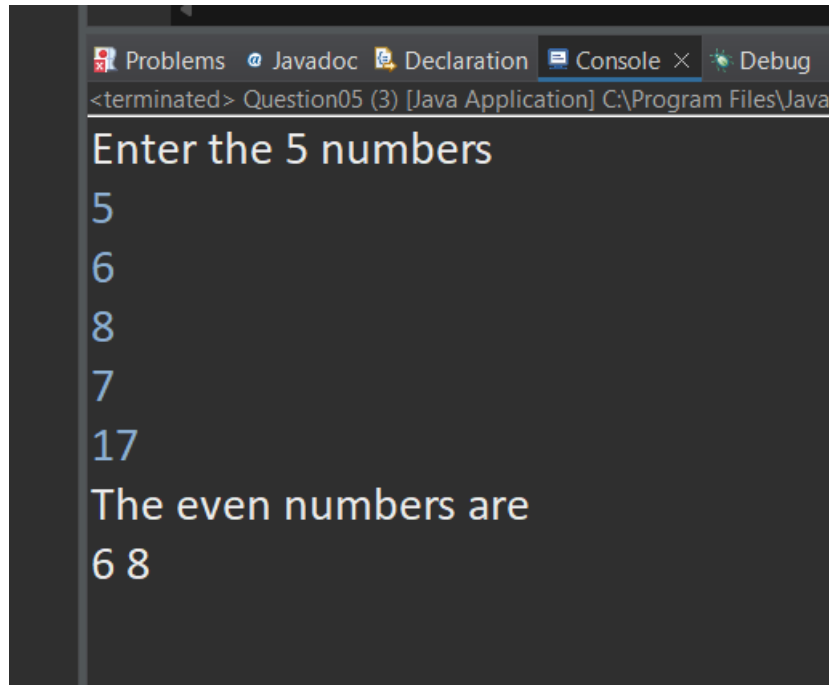
```java
            if(num[i]%2==0) System.out.print(num[i]+" ");
        }
        s.close();
    }
}
```



```
Problems  @ Javadoc  Declaration  Console ×  Debug
<terminated> Question05 (3) [Java Application] C:\Program Files\Java
Enter the 5 numbers
5
6
8
7
17
The even numbers are
6 8
```

//Q 6 wap to find and print prime numbers in given array
import java.util.Scanner;

public class Question06 {

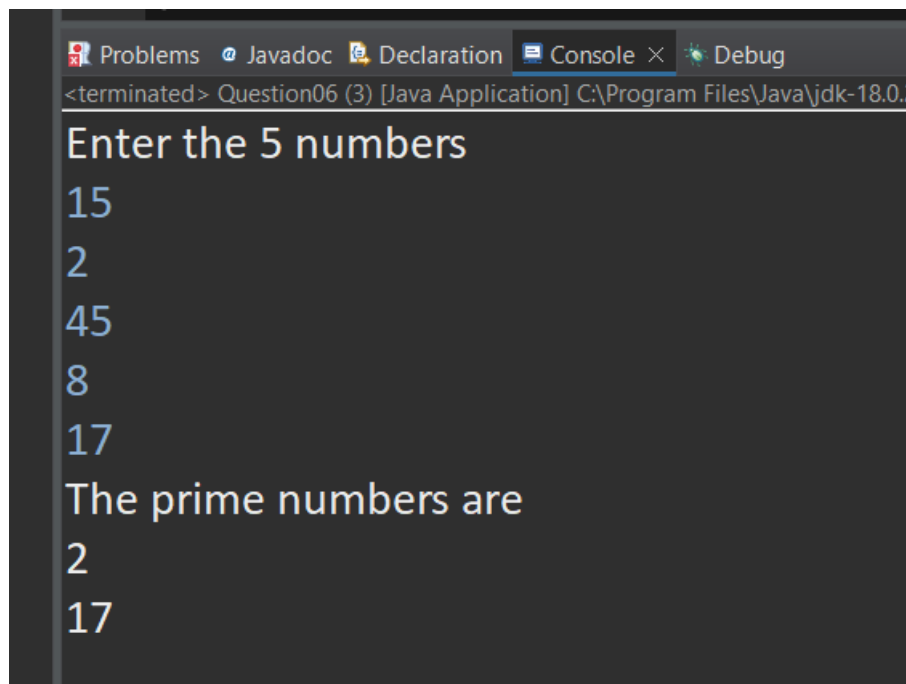   public static void main(String[] args) {
        Scanner s=new Scanner(System.in);
        int num[]=new int[5];
        int count=0;
        System.out.println("Enter the 5 numbers");
        for(int i=0;i<num.length;i++)
        {
            num[i]=s.nextInt();
        }
        System.out.println("The prime numbers are ");
        for(int i=0;i<num.length;i++)
        {
            count=0;
            for(int j=2;j<num[i];j++)
            {

```java
                if(num[i]%j==0)
                        {
                        count=1;
                        break;
                        }
                }
                if(count==0)System.out.println(num[i]);
        }
        s.close();
    }
}
```
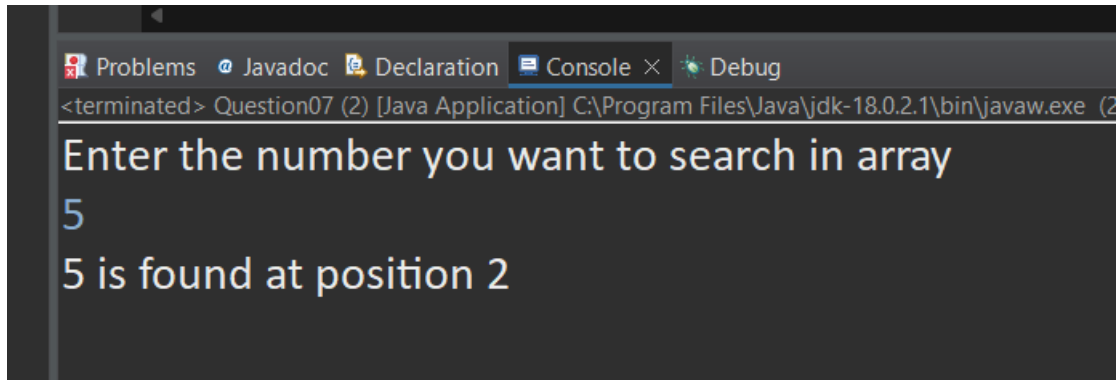


```
Problems  @ Javadoc  Declaration  Console ×  Debug
<terminated> Question06 (3) [Java Application] C:\Program Files\Java\jdk-18.0.
Enter the 5 numbers
15
2
45
8
17
The prime numbers are
2
17
```

```java
//Q 7 wap to search a particular number in given array and print its position
import java.util.Scanner;
public class Question07 {

        public static void main(String[] args) {
                Scanner s=new Scanner(System.in);
                int count=0;
                int a[]= {1,5,7,9,6,4};
                System.out.println("Enter the number you want to search in array");
                int b=s.nextInt();
                for(int i=0;i<a.length;i++)
                {
                        if(a[i]==b)
                                {
```

```java
                    System.out.println(b+" is found at position "+(i+1));
                    count=1;
                    break;
                    }
            }
if(count==0) System.out.println("Not found");
s.close();
        }
}
```
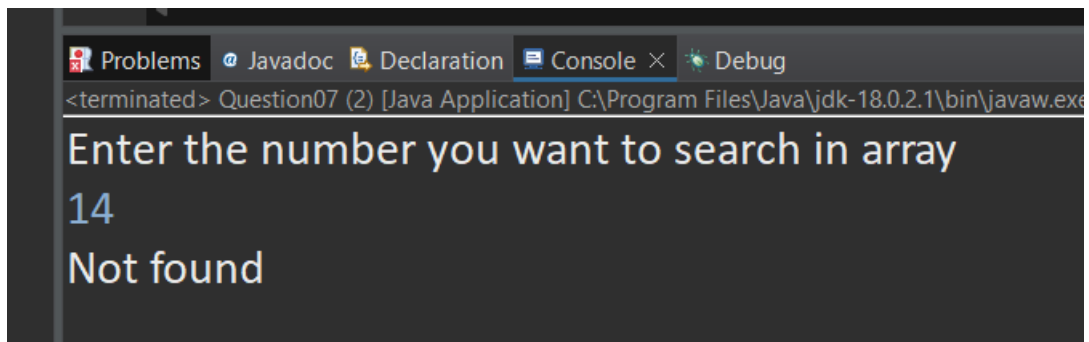
```
Enter the number you want to search in array
5
5 is found at position 2
```

```
Enter the number you want to search in array
14
Not found
```