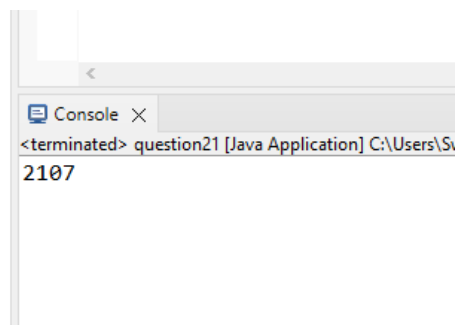


Name- Swapnil. R. Kadam

```
package Assignment2;
```

```
// write a program to find sum of all integers greater than 100 and less than 200 that are divisible by 7.
```

```
public class question21 {  
  
    public static void main (String[] args) {  
  
        int add=0;  
  
        for(int i=101;i<=200;i++)  
  
        {  
  
            if(i%7==0)  
  
            {  
  
                add = add +i;  
  
            }  
  
        }  
  
        System.out.println(add);  
  
    }  
  
}
```



```
package Assignment2;
```

```
//Q2 Write a program injava that ask three numbers from user and print greatest among three
```

```
import java.util.*;
```

```
public class question22 {
```

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

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

```
        System.out.println("Enter three Number");
```

```
        float num1= s.nextFloat();
```

```
        float num2= s.nextFloat();
```

```
        float num3= s.nextFloat();
```

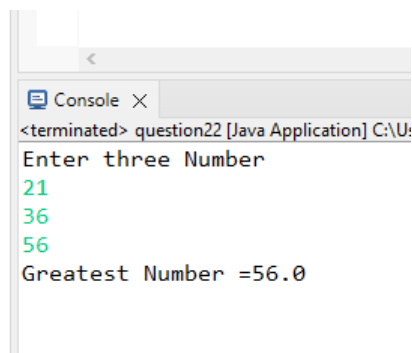
```
        float great= (num1>num2)? (num1>num3?  
num1:num2):((num2>num3)?num2:num3);
```

```
        System.out.println("Greatest Number =" +great);
```

```
        s.close();
```

```
    }
```

```
}
```



```
Console X  
<terminated> question22 [Java Application] C:\U:  
Enter three Number  
21  
36  
56  
Greatest Number =56.0
```

```
package Assignment2;
```

```
//Q3 WAP to find ASCII value of a character
```

```
public class question23 {
```

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

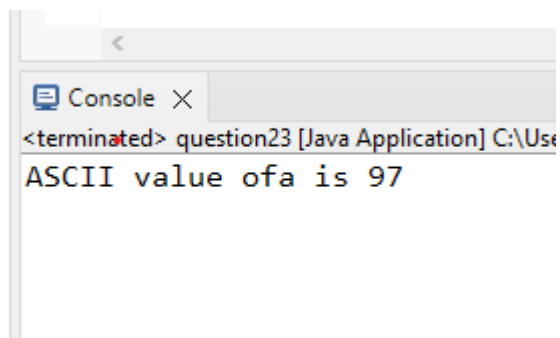
```
        char ch = 'a';
```

```
        int as_char = ch;
```

```
        System.out.println("ASCII value of" + ch + " " + "is " + as_char);
```

```
    }
```

```
}
```



```
package Assignment2;

import java.util.*;

//Q4 Java Program to Check whether an Alphabet is vowel or Consonant

public class question24 {

    public static void main(String[] args) {

        Scanner s =new Scanner(System.in);

        System.out.println("Enter Alphabet");

        char a=s.next().charAt(0);

        if(a=='a' || a=='e' || a=='i' || a=='o' || a=='u') {

            System.out.println("Alphabet is Vowel");

        }

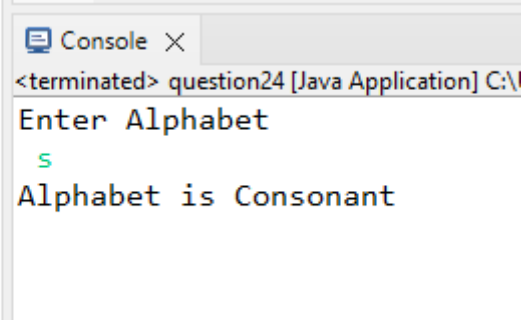
        else

            System.out.println("Alphabet is Consonant");

        s.close();

    }

}
```



```
<terminated> question24 [Java Application] C:\V
Enter Alphabet
s
Alphabet is Consonant
```

```

package Assignment2;

//Q5 Check if a Number is Positive or Negative using if else

import java.util.*;

public class question25 {

    public static void main(String[] args) {

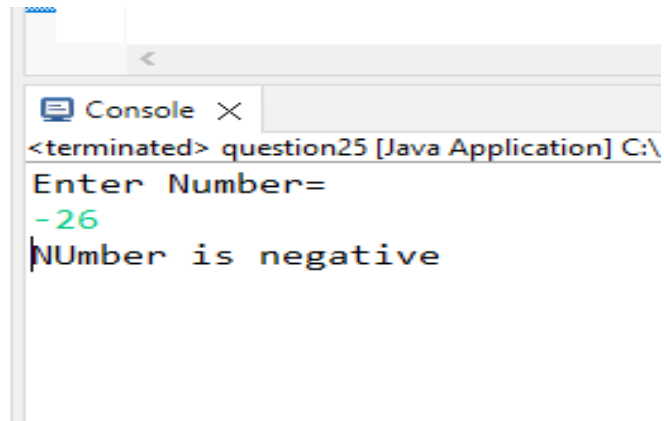
        Scanner s=new Scanner(System.in);

        System.out.println("Enter Number=");

        int num=s.nextInt();

        if(num>0)
        {
            System.out.println("NUmber is Positive ");
        }
        else
        {
            System.out.println("NUmber is negative ");
        }
        s.close();
    }
}

```



```

Console X
<terminated> question25 [Java Application] C:\
Enter Number=
-26
Number is negative

```

```
package Assignment2;
```

```
//Q6 WAP for swapping two number without using third variable
```

```
public class question26 {
```

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

```
        int a=10;
```

```
        int b=5;
```

```
        System.out.println("Befor Swapping" + "a="+a+"b="+b);
```

```
        a=a+b;
```

```
        b=a-b;
```

```
        a=a-b;
```

```
        System.out.println("After Swapping" + "a="+a+"b="+b);
```

```
    }
```

23

<

Console X

<terminated> question26 [Java Application] C:\User

Befor Swappinga=10b=5

After Swappinga=5b=10

}

```
package Assignment2;
```

//Q7 Write a program that would print the information (name,year of joining,salary, address) of three employees by creating a class named

```
public class question27 {
```

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

```
        System.out.print( "Name"+"\\t"+"Year of Joining"+"\\t\\t"+"Adress");
```

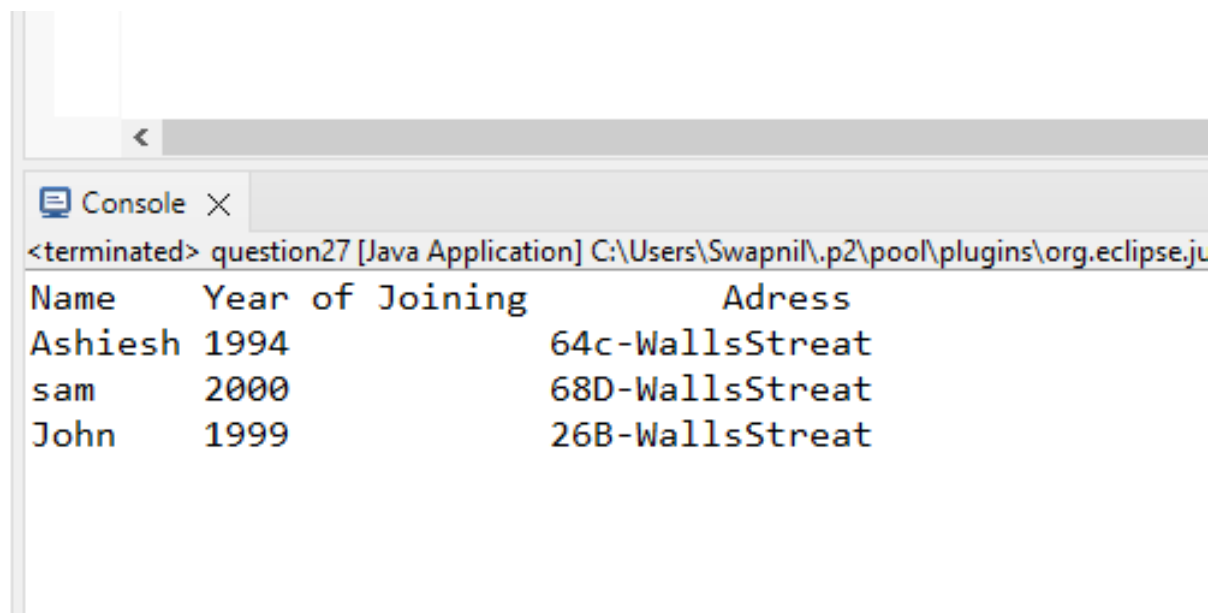
```
        System.out.print("\\r\\n"+"Ashiesh"+"\\t"+"1994"+"\\t\\t"+"64c-WallsStreat");
```

```
        System.out.print("\\r\\n"+"sam"+"\\t"+"2000"+"\\t\\t"+"68D-WallsStreat");
```

```
        System.out.print("\\r\\n"+"John"+"\\t"+"1999"+"\\t\\t"+"26B-WallsStreat");
```

```
    }
```

```
}
```



```
<terminated> question27 [Java Application] C:\Users\Swapnil\.p2\pool\plugins\org.eclipse.ju
```

Name	Year of Joining	Adress
Ashiesh	1994	64c-WallsStreat
sam	2000	68D-WallsStreat
John	1999	26B-WallsStreat

```
package Assignment2;
```

```
//Q* WAP to input basic salary of an employee and calculate its gross salary according to following
```

```
import java.util.*;
```

```
public class question28 {
```

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

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

```
        System.out.println("Enter Basic Salary of an employee");
```

```
        float basic=s.nextFloat();
```

```
        float hra;
```

```
        float da;
```

```
        if(basic<=10000)
```

```
        {
```

```
            hra=basic*0.2f;
```

```
            da=basic*0.8f;
```

```
        }
```

```
        else if(basic<=20000)
```

```
        {
```

```
            hra=basic*0.25f;
```

```
            da=basic*0.9f;
```

```
        }
```

```
        else
```

```
        {
```

```
            hra=basic*0.3f;
```

```
            da=basic*0.95f;
```

```
        }
```

```
        float gross= basic+hra+da;
```

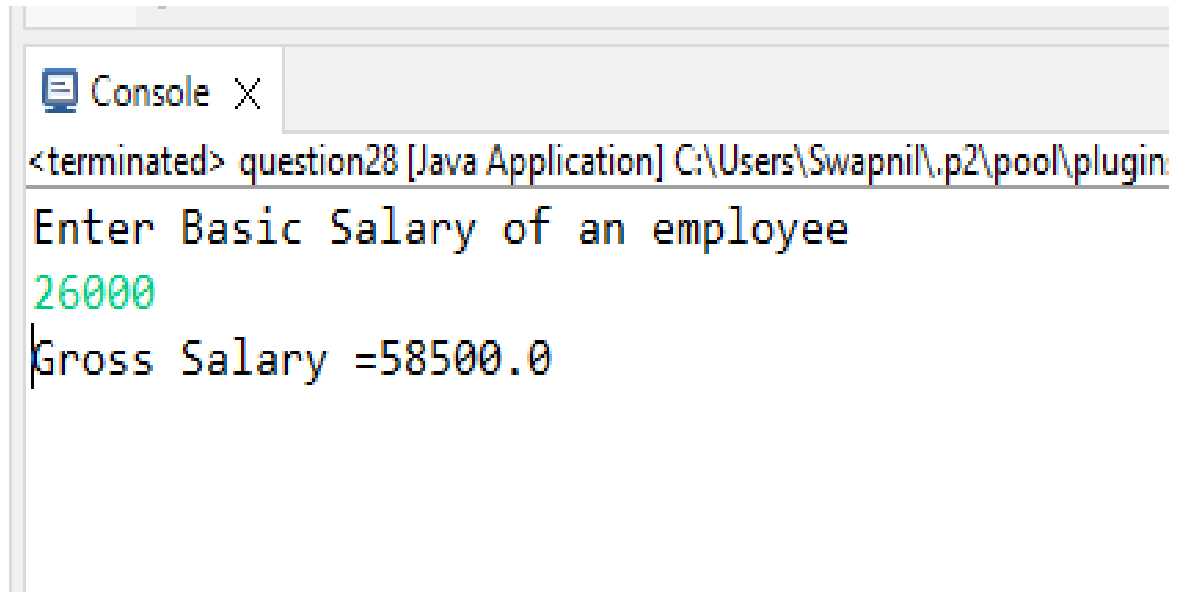


```
System.out.println("Gross Salary =" + gross);
```

```
s.close();
```

```
}
```

```
}
```

A screenshot of a Java IDE's console window. The window has a title bar with a document icon, the word "Console", and a close button. The text inside the console shows the program's execution: it starts with "<terminated> question28 [Java Application] C:\Users\Swapnil\p2\pool\plugin...", followed by the prompt "Enter Basic Salary of an employee". The user input "26000" is shown in green. The final output is "Gross Salary =58500.0".

```
<terminated> question28 [Java Application] C:\Users\Swapnil\p2\pool\plugin...  
Enter Basic Salary of an employee  
26000  
Gross Salary =58500.0
```

```
package Assignment2;
```

```
//Q9 WAP to print even numbers between 10 to 20Q
```

```
public class question29 {
```

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

```
        int i;
```

```
        for(i=10;i<=20;i++)
```

```
        {
```

```
            if(i%2==0)
```

```
            {
```

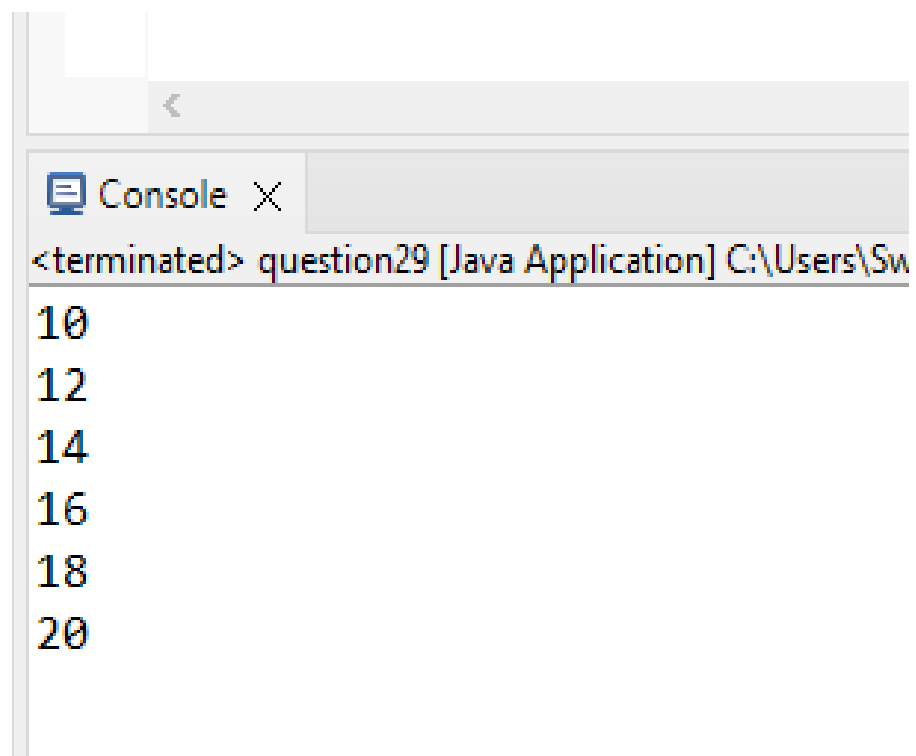
```
                System.out.println(i);
```

```
            }
```

```
        }
```

```
    }
```

```
}
```



The screenshot shows a Java IDE interface. At the top, there is a toolbar with a back arrow icon. Below the toolbar, there is a tab labeled "Console" with a close button (X). The console output displays the result of running the program: "<terminated> question29 [Java Application] C:\Users\Sw". Below this, the numbers 10, 12, 14, 16, 18, and 20 are printed on separate lines, representing the even numbers between 10 and 20.

```
package Assignment2;
```

```
//Q10 WAP to check if a number is prime or not
```

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

```
public class question30 {
```

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

```
        int i;
```

```
        int a=0;
```

```
        int pri=0;
```

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

```
        System.out.println(" Enter number");
```

```
        int num= s.nextInt();
```

```
        a=num/2;
```

```
        if(num==0 || num==1) {
```

```
            System.out.println(num+" is not a prime number");
```

```
        }
```

```
        else {
```

```
            for(i=2;i<=a;i++)
```

```
            {
```

```
                if(num%i==0) {
```

```
                    System.out.println(num+" is not a prime number");
```

```
                    pri=1;
```

```
                    break;
```

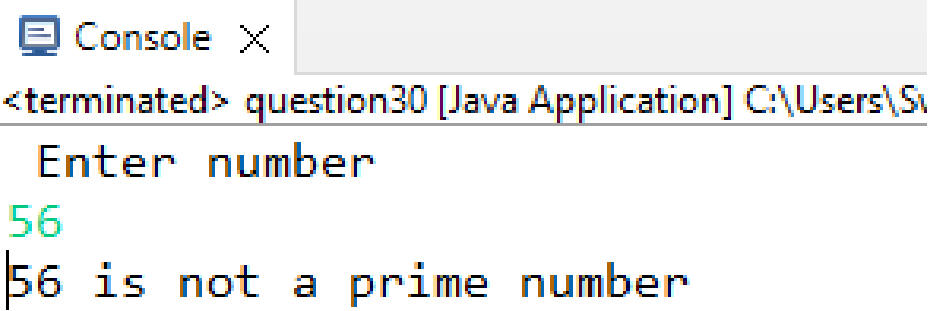
```
                }
```

```
            }
```

```
            if(pri==0) {System.out.println(num+" is a prime number");}
```

```
}  
s.close();  
}
```

```
}
```



The screenshot shows a console window titled "Console" with a close button. The window displays the following text:

```
<terminated> question30 [Java Application] C:\Users\Si  
Enter number  
56  
56 is not a prime number
```

The output indicates that the program has terminated and that the number 56 is not a prime number.

```
package Assignment2;
```

```
//Q11 WAP to reverse a give digit 123 to 321
```

```
public class question31 {
```

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

```
        int num = 123;
```

```
        System.out.println("Number Before reverse " + num);
```

```
        int reverse = 0;
```

```
        while(num != 0)
```

```
        {
```

```
            int remainder = num % 10;
```

```
            reverse = reverse * 10 + remainder;
```

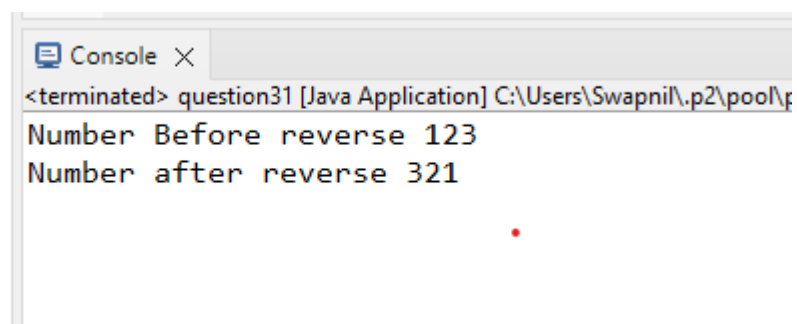
```
            num = num/10;
```

```
        }
```

```
        System.out.println("Number after reverse " + reverse);
```

```
    }
```

```
}
```

A screenshot of a Java IDE's console window. The window has a title bar with a blue icon, the word 'Console', and a close button. The text inside the console shows the program's execution: it starts with '<terminated> question31 [Java Application] C:\Users\Swapnil\.p2\pool\g', followed by the output 'Number Before reverse 123' and 'Number after reverse 321'. A small red dot is visible at the bottom right of the console area.

```
<terminated> question31 [Java Application] C:\Users\Swapnil\.p2\pool\g
Number Before reverse 123
Number after reverse 321
```