

Q1.7

- /\* Author's Name : Shohail Parwez
- \* Author's Registration Number : 2141016146
- \* Branch-Sec : CSE-008
- \* Problem Definition : To display some message.
- \* Date : 13/12/2021
- \*/

```
public class Q1 {  
    public static void main(String args[]) {  
        System.out.println("Hello World!");  
        System.out.println("Hello Again");  
        System.out.println("I like typing this");  
        System.out.println("This is fun.");  
        System.out.println("Xy! Printing.");  
        System.out.println("I'd much rather you 'not'.");  
        System.out.println("I \"said\" do not touch this");  
    }  
}
```

Output

Hello World!  
Hello Again  
I like typing this.  
This is fun.  
Xy! Printing.  
I'd much rather you 'not'.  
I "said" do not touch this.

\* Author's Registration Number: 2141016146

\* Problem definition: To display Name and Address like a letter.

\* Date: 13/12/2021

\* /

Public class 024

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

System.out.println("+- - - - - - - - - - - - - - - +");

System.out.println("1

System.out.println ("

System.out.println(" ");

System.out.println ("#####");

System.out.println ("1

System. out. Plinth (66 1 17);

System. out. printm	(6)	Shahil Porej	(17)
System. out. printm	(6)	Shahil Porej	(17)

System. out. sp. 11 (46) | H.N: 16/A, Sakchi (17)

System. out. pinth (66) + Samshedpur (77) + 22)

System. Biol. Journal (" + - - - - - - - - - - + ")

3

3

Output

#####

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#####

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Shohail Parwez

H.N: 16/A, Sakchi

Amherstburg

Q.3.7 /\* Author's Name : Shohail Parweej  
\* Author's Registration Number : 2141016146  
\* Branch-Sec : CSE-008  
\* Problem Definition : To display some pattern.  
\* Date : 13/12/2021  
\*/

```
public class Q3 {
    public static void main(String args[]) {
        System.out.println("  T  T  T  T  T      K      K  ");
        System.out.println("      T      K  K  ");
        System.out.println("      T      K      ");
        System.out.println("      T      K  K  ");
        System.out.println("      T      K      K  ");
    }
}
```

Output

```
  T  T  T  T  T      K      K
      T      K  K
      T
      T
      T
      T
```



Q.4.7 /\* Author's Name : Shohail Parwez  
\* Author's Registration Number : 2141016146  
\* Branch - Sec : CSE-008  
\* Problem Definition : To display some pattern.  
\* Date : 13/12/2021  
\*/

```
public class Q4 {  
    public static void main(String args[]) {  
        System.out.println("      *      ");  
        System.out.println("      * *      ");  
        System.out.println("      * * *      ");  
        System.out.println("      * * * *      ");  
        System.out.println("      * * * * *      ");  
    }  
}
```

Output

```
      *  
     * *  
    * * *  
   * * * *  
  * * * * *  
 * * * * *  
* * * * *
```

Name:

Shohail Parwez

Regd. Number: 2141016146

Q5.7 /\* Author's Name : Shohail Parwej  
\* Author's Registration Number : 2141016146  
\* Branch - Sec : CSE-008  
\* Problem definition : Take two variable and print them.  
\* Date : 13/02/2021  
\*/

```
public class Q5 {  
    public static void main (String args []) {  
        int x = 2141016146;  
        int y = 2021;  
        System.out.println ("My Regd. No is" + x + " and I have taken  
                             admission in B.Tech. In" + y + ".");  
    }  
}
```

Output

My Regd. No is 2141016146 and I have taken admission in B.Tech.  
In 2021.

Q.67 /\* Author's Name : Shohail Parvej

\* Author's Registration Number : 2141016146

\* Branch-Sec : CSE-008

\* Problem definition : Take two variables and print.

\* Date : 13/12/2021

\*/

```
public class Q6 {  
    public static void main(String args[]) {  
        int a = 113;  
        double e = 2.71828;  
        System.out.println("This is room# "+a);  
        System.out.println("E is close to "+e);  
    }  
}
```

Output

This is room # 113  
E is close to 2.71828

Name: Shohail Parvej

Regd. Number: 2141016146

Q.7.7 /\* Author's Name : Shohail Parvej  
\* Author's Registration Number : 2141016146  
\* Branch-Sec : CSE-008  
\* Problem Definition : Take 3 variables and interchange the values of first two variables.  
\* Date : 13/12/2021  
\*/

```
public class Q7 {  
    public static void main(String args[]) {  
        int a=10, b=20, c;  
        c=a;  
        a=b;  
        b=c;  
        System.out.println("a=" + a + "b=" + b);  
    }  
}
```

Output

a=20 b=10



- Q.8.7 /\* Author's Name : Shohail Parwey  
\* Author's Registration Number : 2141016146  
\* Branch - Sec : CSE-008  
\* Problem definition : Take two variables and interchange.  
\* Date : 13/12/2021  
\*/

```
public class Q8_7 {  
    public static void main (String args[]) {  
        int a=5, b=6;  
        System.out.println("Before swap a=" + a + " b=" + b);  
        a = a + b;  
        b = a - b;  
        a = a - b;  
        System.out.println("After swap a=" + a + " b=" + b);  
    }  
}
```

Output

Before swap a=5 b=6  
After swap a=6 b=5



Q.9.7 /\* Author's Name : Shohail Parvej

\* Author's Registration Number : 2141016146

\* Branch-Sec : CSE-008

\* Problem definition : To print the output.

\* Date : 13/12/2021

\*/

```
public class Q9 {
```

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

```
        System.out.println(2+"bc");
```

```
        System.out.println(2+3+"bc");
```

```
        System.out.println((2+3)+"bc");
```

```
        System.out.println("bc" + (2+3));
```

```
        System.out.println("bc" + 2+3);
```

```
    }
```

```
}
```

Output

2bc

5bc

5bc

bc5

bc23

Q.10.7 /\* Author's Name: Shehail Parvej  
\* Author's Registration Number: 2141016146  
\* Branch-Sec : CSE-008  
\* Problem definition: To print the output.  
\* Date: 13/12/2021  
\*/

```
public class Q10.7  
{  
    public static void main(String args[])  
    {  
        System.out.println('b');  
        System.out.println('b'+'c');  
        System.out.println((char)('a'+4));  
    }  
}
```

Output

b  
bc  
e

Name: Shehail Parvej

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Q.11.7 /\* Author's Name : Shohail Parvej  
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\* Branch - CSE : CSE-008  
\* Problem definition : To print the given output statements.  
\* Date : 20/12/2021  
\*/

```
public class Q11 {  
    public static void main(String args[]) {  
        int a = Integer.MAX_VALUE;  
        System.out.println(a);  
        System.out.println(a+1);  
        System.out.println(2-a);  
        System.out.println(-2-a);  
        System.out.println(2*a);  
        System.out.println(4*a);  
    }  
}
```

Output

2147483647  
-2147483648  
-2147483645  
2147483647  
-2  
-4

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Regd. Number: 2141016146



Q.12.7 /\* Author's Name: Shohail Parwez

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\* Branch-Sec: CSE-008

\* Problem definition: To print the output.

\* Date: 20/12/2021

\*-1

public class Q12 {

public static void main(String args[]) {

double a = 3.141529;

System.out.println(a);

System.out.println(a+1);

System.out.println(8/(int)a);

System.out.println(8/a);

System.out.println((int)(8/a));

}

}

Output

3.141529

4.141529

2

2.546530686172243

2

Name: Shohail Parwez

Regd. Number: 2141016146

Q.13.7 /\* Author's Name : Shohail Parweej  
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\* Problem definition : To print the output.  
\* Date : 20/12/2021  
\*/

```
public class Q13 {  
    public static void main(String args[]) {  
        String ruler1 = "1";  
        System.out.println(ruler1);  
        ruler1 = ruler1 + "2" + ruler1;  
        System.out.println(ruler1);  
        ruler1 = ruler1 + "3" + ruler1;  
        System.out.println(ruler1);  
        ruler1 = ruler1 + "4" + ruler1;  
        System.out.println(ruler1);  
    }  
}
```

Output

```
1  
121  
1213121  
121312141213121
```

*Amrull*

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