

Institute of Computer Engineering Technology



ASSIGNMENT

Assignement	Programming Fundamentals
Batch No	iCD 113
Name	Typing Practice
Ass. Date	05th August 2024

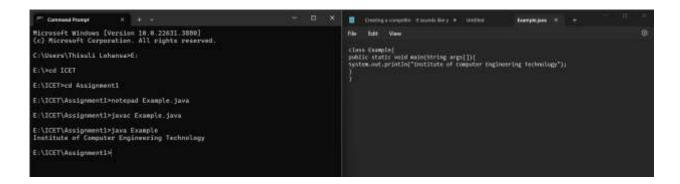
PR2411302 Thisuli Lohansa

Q1.

```
class Example {
    public static void main(String args[]){
        System.out.println("Institute of Computer Engineering Technology");
    }
}
```

//- Output

E:\ICET\Assignment1>java Example
Institute of Computer Engineering Technology



Q2.

```
class Example {
    public static void main(String args[]){
        System.out.println("Institute of Computer Engineering Technology");
        System.out.println("223 A,");
        System.out.println("Galle Road,");
        System.out.println("Panadura");
    }
}
```

//- Output

E:\ICET\Assignment1>java Example Institute of Computer Engineering Technology 223 A,

Galle Road,

Panadura.

```
E:\ICET\Assignmentl>notepad Example.java

E:\ICET\Assignmentl>java Example.java

E:\ICET\Assignmentl>java Example.java

E:\ICET\Assignmentl>java Example
Institute of Computer Engineering Technology
23 A,
Galle Road,
Panadura.

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>
```

```
Q3.
```

```
class Example {
    public static void main(String args[]) {
        System.out.print("J");
        System.out.print("A");
        System.out.print("V");
        System.out.print("A");
    }
}
```

//- Output

E:\ICET\Assignment1>java Example JAVA

```
E\ICET\Assignmentl>instepad Example java

E:\ICET\Assignmentl>java Example

E:\ICET\Assignmentl>java Example

Assignmentl> java Example

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>
```

```
Q4.
class Example {
    public static void main(String args[]) {
        System.out.println("1");
        System.out.println(1000);
        System.out.println(1.23);
    }
}
//- Output
E:\ICET\Assignment1>java Example
1
1000
1.23
```

```
E:\ICET\Assignmentl>java Example.java

E:\ICET\Assignmentl>java Example

1008
1.23

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>
```

```
Q5.
class Example{
     public static void main(String args[]){
           System.out.println("Hello");
           System.out.println("A");
           System.out.println(1234);
           System.out.println(-1234);
           System.out.println(1.2334);
           System.out.println(0.0032);
           System.out.println(-1234);
           System.out.prinln('A');
           System.out.prinln('6');
           System.out.prinln(True);
           System.out.prinln(false);
}
//- Output
E:\ICET\Assignment1>java Example
Hello
A
1234
-1234
1.2334
0.0032
-0.0023
A
6
true
false
```

```
Q6.
class Example {
    public static void main(String args[]) {
        System.out.print("A");
        System.out.print("B");
        System.out.print("C");
        System.out.print("D");
    }
}
//- Output
E:\ICET\Assignment1>java Example
ABCD
```

```
E:\ICET\Assignmentl>javac Example java

E:\ICET\Assignmentl>javac Example

System.out.print("A");

System.out.print("O");

}
```

```
Q7.
class Example{
     public static void main(String args[]){
         System.out.println("1");
         System.out.print"2");
         System.out.println("3");
         System.out.print("4");
         System.out.print("5");
         System.out.println("6");
         System.out.print("7");
         System.out.print("8");
         System.out.print("9");
         System.out.println("10");
}
//- Output
E:\ICET\Assignment1>java Example
1
23
456
78910
```

```
E:\ICET\Assignmentl>notepad Example.java

E:\ICET\Assignmentl>javac Example.java

E:\ICET\Assignmentl>javac Example

E:\ICET\Assignmentl>java Example

E:\ICET\Assignmentl>java Example

E:\ICET\Assignmentl>

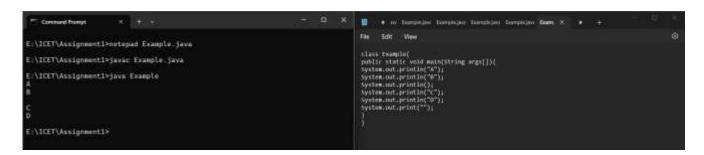
E:\ICET\Assignmentl>

# M Emmining Description Example (public tests wild extr(String args[])( system.out.println("1")); 

System.out.println("1"); 
System.out.println("2"); 
System.out.println("2"); 
System.out.println("2"); 
System.out.print("2"); 
System.out.print("2"); 
System.out.print("1"); 
System.out.print("1"); 
System.out.print("10"); 
System.out.println("10"); 
System.out.println("10");
```

```
Q8.
class Example{
     public static void main(String args[]){
        System.out.print("1");
        System.out.println();
        System.out.print("2");
        System.out.print("3");
        System.out.println();
        System.out.print("4");
        System.out.print("5");
        System.out.print("6");
        System.out.println();
        System.out.print("7");
        System.out.print("8");
        System.out.print("9");
        System.out.print("10");
//- Output
E:\ICET\Assignment1>java Example
1
23
456
78910
```

```
Q9.
class Example{
    public static void main(String args[]){
          System.out.println("A");
          System.out.println("B");
          System.out.println();
          System.out.println("C");
          System.out.println("D");
          System.out.print("");
      }
}
//- Output
E:\ICET\Assignment1>java Example
A
В
C
D
```



```
Q10.
class Example {
    public static void main(String args[]) {
        System.out.println("A");
        System.out.println("B");
        System.out.println();
        System.out.println("C");
        System.out.println("D");
        }
}
//- Output
E:\ICET\Assignment1>java Example
A
B
C
D
```

```
E:\ICET\Assignmentl>notepad Example.java

E:\ICET\Assignmentl>javac Example java

E:\ICET\Assignmentl>java Example

A

E:\ICET\Assignmentl>java Example

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>

E:\ICET\Assignmentl>
```

```
Q11.
class Example {
    public static void main(String args[]) {
        Int a;
        A = 100;
            System.out.println("a");
            System.out.println(a);
        }
}
//- Output
E:\ICET\Assignment1>java Example
a
```

```
E:\ICET\Assignmentl>notepad Example.java

E:\ICET\Assignmentl>javac Example.java

E:\ICET\Assignmentl>javac Example.java

E:\ICET\Assignmentl>javac Example.java

E:\ICET\Assignmentl>javac Example

a

b

c:\ICET\Assignmentl>

c:\ICET\AssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmentlAssignmen
```

```
Q12.
```

100

//- Output

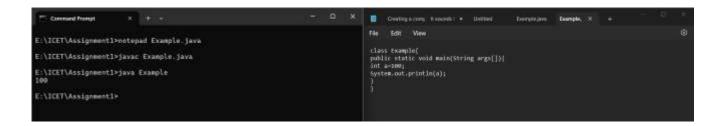
E:\ICET\Assignment1>javac Example.java Example.java:5: error: variable a might not have been initialized System.out.println(a);

1 error

```
Q13.
class Example {
    public static void main(String args[]) {
        int a=100;
        System.out.println(a);
    }
}
```

//-Output

E:\ICET\Assignment1>java Example 100



```
Q14.
```

```
class Example {
    public static void main{String args[]){
        int a;
        System.out.println(a);
        a =100;
    }
}
```

//- Output

E:\ICET\Assignment1>javac Example.java Example.java:4: error: variable a might not have been initialized System.out.println(a);

1 error

```
| Command Formst | X | + - | C | X | | Consistency | Authority | Command | C
```

Q15.

```
class Example {
    public static void main(String args[]) {
        int x;
        x =100;
        x=200;
        System.out.println(x);
    }
}
```

//- Output

E:\ICET\Assignment1>java Example

200

```
E:\ICET\Assignment1>notepad Example.java

E:\ICET\Assignment1>javac Example.java

E:\ICET\Assignment1>javac Example

E:\ICET\Assignment1>

E:\ICET\Assignment1>

E:\ICET\Assignment1>

E:\ICET\Assignment1>

E:\ICET\Assignment1>
```

Q16.

```
class Example {
    public static void main(String args[]) {
        int x;
        X = 100;
        System.out.println(x);
        X = 200;
        System.out.println(x);
    }
}
//- Output
E:\ICET\Assignment1>java Example
100
200
```

```
Q17.
class Example {
    public static void main(String args[]){
        int x=100;
        int y=200;
        System.out.println(x);
        System.out.println(y);
    }
}
//- Output

E:\ICET\Assignment1>java Example
100
```

```
class Example {
    public static void main(String args[]) {
        int x;
        x=1000;
    }
}
```

x=1000; System.out.println(x); var y=2000; System.out.println(y); }

//- Output

E:\ICET\Assignment1>java Example

1000

200

Q18.

2000

```
E:\ICET\Assignmentl>notepad Example.java
                                                                     class Example(
public static word main(String args[]))
int x;
 E:\ICET\Assignmentl>javac Example.java
 ::\ICET\Assignment1>java Example
                                                                     x = 1000;
system.out.println(x);
                                                                     var y-2000;
system.out.println(y);
 E:\ICET\Assignment1>
Q19.
class Example {
       public static void main(String args[]){
          int x=100;
          int y=200;
           int z;
              System.out.println(x);
              System.out.println(y);
               System.out.println(z);
//- Output
E:\ICET\Assignment1>javac Example.java
Example.java:8: error: variable z might not have been initialized
System.out.println(z);
```

1 error

```
Q20.
class Example {
    public static void main(String args[]) {
        int x=100,y,z=200;
        System.out.println(x);
        y="java";
        System.out.println(y);
        System.out.println(z);
    }
}
```

```
//- Output
E:\ICET\Assignment1>javac Example.java
Example.java:5: error: incompatible types: String cannot be converted to int
y="java";
1 error
 E \ICET\Assignmentl>notepad Example.java
                                                                                           close example(
public static wood main(string args[])(
int accept, y,z-oso;

System.out.println(x);
y='jood';
System.out.println(y);
System.out.println(z);
 E:\ICET\Assignmentl>javac Example.java
Example.java:5: error: incompatible types: String cannot be converted to int
y="java";
 E:\ICET\Assignmentl>
Q21.
class Example {
         public static void main(String args[]){
               System.out.println("A");
               // System.out.println("B");
               System.out.println("C");
              // System.out.println("D");
              System.out.println("E");
}
//- Output
E:\ICET>java Example
A
\mathbf{C}
E
E:\ICET>
  E:\ICET>notepad Example.java
                                                                                            class (xample)
public static word made (string args[]]|
youther static (x**);
//system.out.println("b");
tystem.out.println("b");
//system.out.println("b");
tystem.out.println("b");
tystem.out.println("b");
 E:\ICET>javac Example.java
 E:\ICET>java Example
Q22.
class Example {
```

public static void main(String args[]){

```
System.out.println("A");
               System.out.println("B");
               /*System.out.println("C");
               System.out.println("D");
               System.out.println("E");*/
               System.out.println("F");
         }
}
//- Output
E:\ICET>java Example
A
В
F
E:\ICET>
                                                                                             class Example(
public static void main (String args[])(
System.out.println("A");
System.out.println("B");
/*System.out.println("C");
System.out.println("D");
System.out.println("E");
System.out.println("E");
}
 E:\ICET>javac Example.java
 E:\ICET>java Example
 E:\ICET>
Q23.
class Example {
       public static void main(String args[]){
          int x=100;
          int y=200;
               System.out.println(x);
               System.out.println(y);
                   x=y;
                   System.out.println(x);
                   System.out.println(y);
}
//- Output
```

E:\ICET>java Example

100200200

E:\ICET>

```
Q24.

class Example {
    public static void main(String args[]){
        System.out.println(true);
        System.out.println("true");
    }
}

//- Output

E:\ICET>java Example
true
```

Q25.

true

```
class Example {
    public static void main(String args[]) {
        System.out.println(Java);
        System.out.println("Java");
    }
}
//- Output
E:\ICET>javac Example.java
Example.java:3: error: cannot find symbol
System.out.println(Java);
```

symbol: variable Java location: class Example

1 error

```
E:\ICET>javac Example.java
Example.java:3: error: cannot find symbol
System.out.println(Java);
symbol: variable Java
location: class Example
1 error
E:\ICET>
```

```
Q26.
class Example {
     public static void main(String args[]){
        System.out.println('A');
        System.out.println("A");
        System.out.println('2');
        System.out.println("2");
        System.out.println('JAVA');
        System.out.println("JAVA");
}
//- Output
E:\ICET>javac Example.java
Example.java:7: error: unclosed character literal
System.out.println('JAVA');
Example.java:7: error: unclosed character literal
System.out.println('JAVA');
Example.java:7: error: not a statement
System.out.println('JAVA');
```

3 errors

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

Example.java:7: error: unclosed character literal

System.out.println('JAVA');

Example.java:7: error: unclosed character literal

System.out.println('JAVA');

System.out.println('JAVA');

System.out.println('JAVA');

Example.java:7: error: not a statement

System.out.println('JAVA');

System.out.println('JAVA');

System.out.println('JAVA');

System.out.println('JAVA');

System.out.println('JAVA');

System.out.println('JAVA');

System.out.println('JAVA');

System.out.println('JAVA');
```

```
Q27.

class Example {
    public static void main(String args[]) {
        System.out.println("Hellooooo\tJAVA");
        System.out.println("Hellooooo\t\t\t\tJAVA");
    }
}

//- Output

E:\ICET>java Example
Hellooooo JAVA
```

JAVA

Hellooooo

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example
Helloogoo JAVA
Helloogoo JAVA

E:\ICET>
```

```
Q28.

class Example {
    public static void main(String args[]){
        System.out.println("Hi\tJAVA");
        System.out.println("Hello\tWorld");
    }
}

//- Output

E:\ICET>java Example
Hi JAVA
Hello world
```

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>java Example

Bi JAVA

Hello world

E:\ICET>
```

```
Class Example {
    public static void main(String args[]) {
        System.out.println("AB\nCD");
        System.out.println("");
        System.out.println("EF\tGH\n\nIJ\tKL");
    }
}
//- Output

E:\ICET>java Example
AB
CD

EF GH
```

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example {
    public static void main(String args[]) {
        System.out.println("AB\ncD");
        System.out.println("");
        System.out.println("EF\tGH\n\nI)\tKL");
    }

EF GH

IJ KL
```

```
Q30.

class Example {
    public static void main(String args[]) {
        System.out.println("time - "17:56:02");
     }
}
```

IJ

KL

```
//- Output
E:\ICET>javac Example.java
Example.java:3: error: ')' expected
System.out.println("time - "17:56:02");
Example.java:3: error: unclosed string literal
System.out.println("time - "17:56:02");
2 errors
 E:\ICET>notepad Example.java
                                                                                                            class Example {
public static void main(String args[]) {
System.out.println("time - "17:56:02");
 E:\ICET>javac Example.java
Example.java:3: error: ')' expected
System.out.println("time - "17:56:02");
 Example.java:3: error: unclosed string literal
System.out.println("time - "17:56:02");
 E:\ICET>
Q31.
class Example {
        public static void main(String args[]){
           System.out.println("\'ICET\");
           System.out.println("\"Institute of Computer Engineering Technology \"");
//- Output
E:\ICET>javac Example.java
Example.java:3: error: unclosed string literal
System.out.println("\'ICET\");
1 error
                                                                                             60t
 E:\ICET>notepad Example.java
                                                                                        class Example (
public static wold male(string args[])(
System.out.println("\"istri");
System.out.println("\"institute of computer inglesering Technology \"");
System.out.println("\"institute of computer inglesering Technology \"");
 E:\ICET>javac Example.java
Example java:3: error: unclosed string literal
System.out.println("\'ICET\");
```

E-\ICET>

```
Q32.
```

```
class Example {
      public static void main(String args[]){
        System.out.println("First Line\nSecond Line");
         System.out.println("A\tB\tC");
        System.out.println("D\tE\tF");
}
//- Output
E:\ICET>java Example
First Line
Second Line
      В
             \mathbf{C}
A
             F
D
      E
 E:\ICET>javac Example.java
 E:\ICET>java Example
First Line
Second Line
        BE
 E:\ICET>
```

class Example {
public static void main(String args[]){
System.out.println("First Line\nSecond Line");
System.out.println("A\tB\tc");
System.out.println("D\tE\tF");

Q33.

```
class Example {
     public static void main(String args[]){
        System.out.println("AB\nCD");
        System.out.println("AB\tCD");
        System.out.println("AB\fCD");
        System.out.println("AB\bCD");
        System.out.println("AB\rCD");
        System.out.println("AB\\CD");
}
//- Output
E:\ICET>java Example
AB
CD
AB
       CD
AB
```

CD ACD CD AB\CD

```
Q34.
```

```
class Example {
    public static void main(String args[]){
        System.out.println(10+20);
        System.out.println("10"+"20");
        System.out.println(10+"20");
        System.out.println(10+"20");
    }
}
//- Output
E:\ICET>java Example
30
1020
1020
1020
```

```
Q35.
class Example {
    public static void main(String args[]) {
        System.out.println(20230326);
        System.out.println("2023-03-26");
    }
}
//- Output
E:\ICET>java Example
20230326
2023-03-26
```

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>java Example
20230326
2023-03-26

E:\ICET>
```

```
Q36.
class Example {
    public static void main(String args[]) {
        int x,y,z;
        x=10;
        y=20;
        z=x+y;
        System.out.println(x+"+"+y+"="+z);
    }
}
//- Output

E:\ICET>javac Example.java

E:\ICET>java Example
10+20=30
```

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example {
    public static void main(String args[]) {
        int x,y, ≥;
        x=18;
        y+28;
        z=x+y;
        System.out.println(x+"+"+y+"="+z);
    }
}
```

```
Q37.
```

```
class Example {
            public static void main(String args[]) { int x=10,y=20;
                 System.out.println(x+y);
                 System.out.println(x+"y");
                 System.out.println("x"+"y");
                 System.out.println("x+y");
                 System.out.println("x"+y);
        }
}
//- Output
E:\ICET>java Example
30
10y
хy
x+y
x20
                                                                    public static void main(String args[])( int x=10,y=20; System.out.println(x+y); System.out.println(x*y*); System.out.println("x*y*); System.out.println("x*y*); System.out.println("x*y*);
 E:\ICET>javac Example.java
E:\ICET>java Example
Q38.
class Example {
             public static void main(String args[]) {
              System.out.println (10 + 20 + 30);
              System.out.println ("10 + 20 + 30");
               System.out.println (10 + 20 + 30);
               System.out.println("10+20"+30);
                 System.out.println("10"+"20"+"30");
                System.out.println ("10"+ 20 + 30);
                System.out.println ( 10 + 20 + "30");
                System.out.println(10+"20"+30);
          }
}
```

```
E:\ICET>java Example
60
10 + 20 +30
60
10+2030
102030
102030
3030
102030
```

//- Output

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>java Example

System.out.println (10 + 20 + 30);

System.out.println(10 + 20 +
```

```
Edit
 E:\ICET>notepad Example.java
                                                                                                         class Example {
 E:\ICET>javac Example.java
Example.java:4: error: cannot find symbol
System.out.println(s1);
                                                                                                         public static void main(String args[])(
                                                                                                         String sl-"Hello";
                                                                                                         System.out.println(s1);
                                                                                                         System.out.println(sl.concat(" JAVA"));
   symbol: variable sl
location: class Example
 1 error
O40.
class Example {
            public static void main(String args[]){
              int x, y, z;
               x=10;
                y=20;
```

```
E:\ICET>javac Example.java

E:\ICET>javac Example {
    public static void main(string args[]){
        int x, y, z;
        int x, y,
```

Q41.

```
class Example{
    public static void main(String args[]){
        int x, y;
        X=10;
        Y=20;
        System.out.println(x+"+"+y+"="+(x+y));
        System.out.println(x+"-"+y+"="+(x-y));
        System.out.println(x+"*"+y+"="+(x*y));
    }
}
```

```
//- Output
E:\ICET>java Example
10+20=30
10-20=-10
10*20=200
                                                                                             class Example(
public static void main (String args[])(
 E:\ICET>java Example
10+20=30
 10-20=-10
10+20=200
                                                                                             system.out.println(x+"+"+y+"="+(x+y));
System.out.println(x+"-"+y+"="+(x-y));
System.out.println(x+""+y+"-"+(x*y));
 E:\ICET>
Q42.
class Example{
       public static void main(String args[]){
          int x, y;
          X=100;
          Y=200;
              System.out.println(x);
              System.out.println(y);
           Y=x;
               System.out.println(x);
               System.out.println(y);
}
//- Output
E:\ICET>java Example
100
200
100
100
```

```
Edit
E:\ICET>notepad Example.java
                                                                                                       class Example(
E:\ICET>javac Example.java
                                                                                                      public static void main (String args[]){
                                                                                                       int x, y;
E:\ICET>java Example
                                                                                                      x=100;
108
                                                                                                       y=200;
200
100
                                                                                                      System.out.println(x);
System.out.println(y);
100
                                                                                                       System.out.println(x);
E:\ICET>
                                                                                                       System.out.println(y);
                                                                                                       je
```

```
Q43.
class Example {
    public static void main(String args[]) {
        int num=103;
        if(num>0) {
            System.out.println(num+"is positive number");
        } else if(num<0) {
            System.out.println(num+"is negative number");
        } else {
            System.out.println(num+"is 0");
        } }
}
//- Output
E:\ICET>java Example
```

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>java Example
103id Positive number

E:\ICET>

E:\ICE
```

103id Positive number

```
int num=input.nextInt();
if(num>0) {
    System.out.println(num+"is positive number");
    }else if(num<0) {
        System.out.println(num+"is negative number");
    }else {
        System.out.println(num+"is 0");
    }
}
//- Output

E:\ICET>java Example
Input number - 2
2 is positive number
```

```
E:\ICET>notepad Example jabua

E:\ICET>javac Example java

E:\ICET>java Example | jabua | jabu
```

```
Q45.
import java.util.*;
  class Example {
    public static void main(String args[]) {
        Scanner input=new Scanner(System.in); System.out.print("Enter your marks - ");
        int mark=input.nextInt();
        if(mark>=75){
        System.out.println("your grade is A");
        }else if (mark >=65){
        System.out.println("your grade is B"); }else if(mark >=50) {
        System.out.println("your grade is C");
        }else {
            System.out.println("your grade is F");
        }
    }
}
```

```
//- Output
```

E:\ICET>java Example Enter your marks - 84 your grade is A

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>java Example
Enter your marks - 84

your grade is A

E:\ICET>

E:\ICET>
```

Q46.

```
import java.util.*;
    class Example {
    public static void main(String args[]) {
        Scanner input=new Scanner(System.in);
        System.out.print("Enter your age - ");
        int age=input.nextInt();
        if(age<18){
            System.out.println("age is not valid to vote");
        } else {
                System.out.println("Welcome to vote");
        }
    }
}
//- Output

E:\ICET>java Example
Enter your age - 22
Welcome to vote
```

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>java Example

E:\ICET>java Example

Enter your age - 22

Welcome to vote

E:\ICET>

E:\ICET>

Billow

E:\ICET>

Billow

E:\ICET>

Billow

Bi
```

```
Q47.
class Example {
    public static void main(String args[]) {
        double x, y, z;
        x=3;
        y=4;
        z=Math.sqrt(x*x + y*y);
        System.out.println("Hypotenuse is" +z);
    }
}
//- Output
E:\ICET>java Example
Hypotenuse is5.0
```

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>javac Example
Hypotenuse is5.0

E:\ICET>

E:\ICET>

E:\ICET>

E:\ICET>
```

```
Q48.
import java.util.*;
    class Example {
        public static void main(String [] args) {
            Scanner input=new Scanner(System.in);
            System.out.print("Enter any number-");
        int num=input.nextInt();
        int fact=1;
        for(int i=1;i<num;i++) {
        fact=fact*i;
        }
        System.out.println("The factorial of" +num+"is"+fact);
    }
}
```

E:\ICET>java Example Enter any number- 6 The factorial of6is120

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

E:\ICET>java Example
java Example
Enter any number 6
The factorial of6is128

E:\ICET>java Example
int fact=1;
for(int i=1;i<mum;i++)(
fact=fact*i;
}

System.out.print("The factorial of" +num="is"+fact);
}

File Edit View

Import java.util.*;
class Example (
public static void main(String [] args) {
    Scanner input-new Scanner(System.in);
    System.out.print(); (inter any number-");
    int num=input.nextint();
    int fact=1;
    for(int i=1;i<mum;i++)(
    fact=fact*i;
    }
    System.out.println("The factorial of" +num="is"+fact);
}
```

Q49.

```
import java.util.*;
  class Example {
    public static void main(String [] args) {
        Scanner input=new Scanner(System.in);
        System.out.print("Enter your age - ");
        int age=input.nextInt();
        if(age < 18) {
            System.out.println("age is not valid to vote");
        } else {
            System.out.println("Welcome to vote");
        }
    }
}
//- Output</pre>
```

E:\ICET>java Example Enter your age - 16 age is not valid to vote

```
E:\ICET>notepad Example.java

E:\ICET>javac EXample.java

E:\ICET>javac Example.java

E:\ICET>java Example

Enter your age - 16

age is not valid to vote

E:\ICET>

E:\ICET>

E:\ICET>

File Edit View

import java.util.*;
class Example

Scanner java.util.*;

Scanner input-new Scanner(System.in);
System.out.print("Enter your age ");
int age=input.nextint();
if(agn < 18){
System.out.println("age is not valid to vote");
}
}

}

| All the Edit View

| Import java.util.*;
| Class Example | Import java.util.*;
| Scanner input-new Scanner(System.in);
| System.out.print("Enter your age ");
| Int age=input.nextint();
| If(agn < 18){
System.out.println("age is not valid to vote");
| Import java.util.*;
| Scanner input-new Scanner(System.in);
| System.out.println("age is not valid to vote");
| Import java.util.*;
| Scanner input-new Scanner(System.in);
| System.out.print("interval your age ");
| Int age=input.nextint();
| If(agn < 18){
System.out.println("age is not valid to vote");
| Interval your age | 18 |
| Inter
```

E:\ICET>java Example 100/5is20

```
E:\ICET>notepad Example.java

E:\ICET>javac Example.java

Example.java:4: error: ';' expected
int result = i! = 0 ? 100/i : 0;

Example.java:4: error: not a statement
int result = i! = 0 ? 100/i : 0;

2 errors

E:\ICET>javac Example.java

E:\ICET>javac Example.java

E:\ICET>java Example

100/5is20

File Edit View

public class Example {
publi
```