

**Solution Quiz 2 (1)**

Name: \_\_\_\_\_

ID: \_\_\_\_\_

**Q1.** Write output, considering escape sequences and other spaces?

(10 Points)

Note: You may do rough work on backside or on your note books

```
int x=2, y=3, z=5
double d1=2.5, d2=3, d3=10
print ("abc \n def \t " + x + "\n ghi \b =" + y + "\n 12 \r 345 \n")
print ( x + y * z + "\n" )
print ( d1 * d3 + "\t" )
print ( (int)d1 * d3 + "\t" )
print ( (int) (d1 * d3) )
```

**Output:**

```
abc
def 2
ghi =3
345
17
25.0 20.0 25
```

**Q2.** Write output against each print statement and fill empty spaces according to given comments?

(10 Points)

```
String s="Welldone Why"
print (s.charAt(3) + " " + s.indexOf('e '))           1 1
print (s.substring(2,5) + " " + s.length() )       11d 12
print ( 3 + 3 * 3 - 3 )                             9
print ( 4 * 4 / 2 )                                 8
print ( Math.abs(-5) )                             5
print ("Where to Go".toUpperCase() )               WHERE TO GO
print ("Index of d is:" + s.indexOf('d '))          )
print ("Sin of 30 is:" + Math.sin(Math.toRadians(30))); )
print ("3 Power 4 is:" + Math.pow(3,4))            )
```

By virtue of my creator I have not did any cheating solving this quiz \_\_\_\_\_

**(Signature)**

**Solution Quiz 2 (2)**

Name: \_\_\_\_\_

ID: \_\_\_\_\_

**Q1.** Write output, considering escape sequences and other spaces?

(10 Points)

**Note:** Differentiate variables with and without quotes. You may do rough work on backside or on your note books

```
int x=3, y=2, z=4
double d1=2.5, d2=1.5, d3=20
print ("abc \t def \n " + z + "\n xy \r =" + x + "\n ghi \b 22 \n")
print ( x + y * z + "\n" )
print ( d2 * d3 + "\t" )
print ( (int) (d2 * d3) )
print ( (int)d2 * d3 + "\t" )
```

**Output:**

```
abc def
4
=3
ghi 22
11
30.0 3020.0 p 2
10
```

**Q2.** Write output against each print statement and fill empty spaces according to given comments?

(10 Points)

String s="Happy Home"

```
print (s.charAt(3) + " " + s.indexOf('p '))           p    2
print (s.length()+ " " + s.substring(1,6))          10   appy
print ( 4 + 2 - 4 * 4 )                             -10
print ( 10 * 2 / 4 )                                5
print ("When and Where".toLowerCase() )             when and where
print ( Math.abs(-7) )                              7
print ("Index of y is:" + Math.indexOf('y') )
print ("Index of m is:" + Math.indexOf('m') )
print ("Cos of 60 is:" + Math.cos(Math.toRadians(60)));
print ("Square root of 400 is:" + Math.sqrt(400))
```

By virtue of my creator I have not did any cheating solving this quiz \_\_\_\_\_

(Signature)