

ASSIGNMENT  
(10 JANUARY)

①

a)  $2 + 5/6 + 3$

$$= 2 + 0 + 3$$

$$= 5$$

b)  $3 - 9 * 1 + 1$

$$= 3 - 9 + 1$$

$$= 4 - 9$$

$$= -5$$

c)  $1 - (2+3) \% 2 + 4$

$$= 1 - 5 \% 2 + 4$$

$$= 5 - 1$$

$$= 4$$

d)  $2 - 2 * (1+1) + 3$

$$= 2 - 4 + 3$$

$$= 1$$

e)  $3++ + 1-- + 2--$

$$= 3 + 1 + 2$$

$$= 6$$

Value of  $x : 1$

$y : 4$

$z : 0$

②

Sol.  $x = 3.2 + 2 = 5.2$

$$y = 3.2 + 5.2 - 1.5 = 6.9$$

$$z = 5 - 1 + 5.2 + (6.9) * 4 = 37.9$$

∴ Value of  $x : 5.2$

$y : 6.9$

$z : 37.9$

③

OUTPUT :

-909.25

\*\*\*\*\*-909.245

④

PROGRAM 3.6

```
#include <iostream>
```

```
using namespace std;
```

```
int main() {
```

```
    double extra_hours, weekly_rate;
```

```
    cout << "Enter the number of extra hours worked: ";
```

```
    cin >> extra_hours;
```

```
    cout << "Enter the weekly rate: ";
```

```
    cin >> weekly_rate;
```

```
    double hourly_rate = weekly_rate / 40;
```

```
    double total_pay = weekly_rate +
```

```
        extra_hours * (hourly_rate + 0.6 * hourly_rate);
```

```
    cout << "Total payment = " << total_pay;
```

```
    return 0;
```

```
}
```

⑤

a) 3.6

b) 3.77

c) 3.235

⑥ -2 2

⑧

a) int one(int a)

```
{
```

```
    return a;
```

```
}
```

b) int two(int a)

```
{
```

```
    int b = a * a;
```

```
}
```

```
c) double wrong(int x)
{
    double x = 2.7;
    return x;
}
```

⑨

a) 3

b) C

c) 9