

Assignment-5

Q1-

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int a, b;
```

```
    printf("Enter the two  
    digit's:\n");
```

```
    scanf("%d %d", &a,  
    &b);
```

```
    printf("the sum of  
    two digit number is %d",  
    a+b);
```

```
    return 0;
```

```
}
```

Q2-

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    float x;
```

```
    printf("Enter the radius of a  
    circle");
```

```
    scanf("%f", &x);
```

```
    x = 3.14 * x * x;
```

```
    printf("the area of circle: %d",  
    x);
```

```
    return 0;
```

```
}
```

Q3-

```
#include <stdio.h>
```

```
int main ( )
```

```
{
```

```
    int x, y, z ;
```

```
    printf("Enter the L, B and H of  
a cuboid");
```

```
    scanf("%d %d %d", &x, &y, &z);
```

```
    x = x * y * z ;
```

```
    printf("the volume of a cuboid: %d,  
x);
```

```
    return 0;
```

```
}
```

Q4-

```
#include <stdio.h>
```

```
int main ( )
```

```
{
```

```
    int p, r, t, si ;
```

```
    printf("Enter the Principal:");
```

```
    scanf("%d", &p);
```

```
    printf("Enter the Rate of Interest:");
```

```
    scanf("%d", &r);
```

```
    printf("Enter the time period:");
```

```
    scanf("%d", &t);
```

```
    si = p * r * t ;
```

```
    printf("the simple interest is : %d,  
si);
```



```
return 0;
```

```
}
```

Q5-

```
#include <stdio.h>
```

```
int main ()
```

```
{
```

```
int l, b, a;
```

```
printf("Enter the length / breadth:");
```

```
scanf("%d %d", &l, &b);
```

```
a = l * b;
```

```
printf("The area length volume of the  
rectangle is: %d", a);
```

```
return 0;
```

```
}
```

Q6-

```
#include <stdio.h>
```

```
int main ()
```

```
{
```

```
int a, b, c;
```

```
printf("Enter the 3 numbers:");
```

```
scanf("%d %d %d", &a, &b, &c);
```

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

```
a = a / 3;
```

```
printf("the average is %d", a);
```

```
return 0;
```

```
}
```

Q7-

```
int x;  
printf("Enter a number");  
scanf("%d", &x);  
printf("the square of %d is %d",  
      x, x*x);  
return 0;  
}
```

Q8-

```
char m;  
printf("Enter the ASCII code");  
scanf("%c", &m);  
printf("the ASCII code of %c is  
      %d", m, m);  
return 0;  
}
```

Q9-

```
float x, y, z;  
printf("Enter the CP and SP:");  
scanf("%f %f", &x, &y);  
z = x - y;  
x = z / x * 100;  
printf("the profit % is : %f", x);  
return 0;  
}
```

$$\frac{1}{2} * b * h$$

Q10 -

```
float b, h, a;  
b = 3;  
h = 4;  
printf("Enter a = 1.5 * b * h;  
printf("Area of a triangle is %f",  
a);  
return 0;  
}
```