

# Lab 1

*1)Printing Hello World.*

```
#include <stdio.h>
int main ()
{
    printf("Hello World");
    return 0;
}
```

*2)Area of rectangle.*

```
#include <stdio.h>
int main ()
{
    float l,b,a;
    printf("Enter length\n");
    scanf("%f",&l);
    printf("Enter breadth\n");
    scanf("%f",&b);
    a=l*b;
    printf("The area of rectangle is %f\n",a);
    return 0;
}
```

```
}
```

*3)Program to convert Celsius into Fahrenheit temperature.*

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

```
int main ()
```

```
{
```

```
    float f,cel;
```

```
    printf("Enter temperature in Celsius\n");
```

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

```
    f=1.8*cel+32;
```

```
    printf("The temperature in fahrenheit is %f\n",f);
```

```
    return 0;
```

```
}
```

*4) Program to find sum of its digit of three digit number.*

```
#include <stdio.h>
int main ()
{
    int n,a,b,c,sum=0;
    printf("Enter a three digit number\n");
    scanf("%d",&n);
    a=n/100;
    b=(n%100)/10;
    c=n%10;
    sum=a+b+c;
    printf("The sum of digit is %d\n",sum);
    return 0;
}
```

*5) Program to reverse 3 digit number.*

```
#include <stdio.h>
int main ()
{
    int n,a,b,c,rev;
    printf("Enter a three digit number\n");
    scanf("%d",&n);
    a=n/100;
    b=(n%100)/10;
    c=n%10;
    rev=c*100+b*10+a;
}
```

```
    printf("The reverse of digit is %d\n",rev);  
    return 0;  
}
```

*6) Program to swap two variables.*

```
#include <stdio.h>  
int main ()  
{  
    int temp,a,b;  
    printf("Enter a first number\n");  
    scanf("%d",&a);  
    printf("Enter a second number\n");  
    scanf("%d",&b);  
    temp=a;  
    a=b;  
    b=temp;  
    printf("The result after swaping is %d\t%d\n",a,b);  
    return 0;  
}
```