

## Practical 02

### 01.

```
#include<stdio.h>

int main()
{
    int age;

    printf("HI, HOW OLD ARE YOU? ");

    scanf("%d",&age);

    printf("\n\nWELCOME %d \n",age);

    printf("LET'S BE FRIENDS

    return(0);

}
```

### 02.

```
#include<stdio.h>

int main()
{
    printf("%20d%10d%10d\n\n", 2,4,8);
    printf("%20d%10d%10d\n\n", 3,9,27);
    printf("%20d%10d%10d\n\n", 4,16,24);

    return(0);

}
```

### 03.

When using integer variables couldn't get the exact value. After changed variable type as floating number could able to get the real value. The reason behind that was speed is a ratio of distance and time, accordingly the value of speed can not be an integer value all of the time, thus had to change the variable type of inputs too.

```
#include<stdio.h>

int main()
```

```
{  
float time,dis,spd;  
printf("Input travelled distance(m)= ");  
scanf("%f",&dis);  
printf("Time spent(s)= ");  
scanf("%f",&time);  
spd=dis/time;  
printf("Your average speed is= %f ",spd);  
return(0);  
}
```

#### **04.**

```
#include<stdio.h>  
int main()  
{  
int fahr,celsius;  
printf("Input Fahrenheit value = ");  
scanf("%d",&fahr);  
celsius=5 * (fahr-32) / 9;  
printf("Celsius value is = %d",celsius);  
return(0);  
}
```