

# C PROGRAMMING ASSIGNMENT

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## Practical no 2

### Question 1

```
#include<stdio.h>

Int main()
{
    int age;

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

    scanf("%d",&age);

    printf("\n");

    printf("WELCOME %d\n",age);
    printf("LET'S BE FRIENDS\n");

}
```

### Question 2

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

```
int main()
{
    printf("%d%4d%4d\n",2,4,8);
    printf("%d%4d%4d\n",3,9,27);
    printf("%d%4d%4d\n",4,16,64);

}
```

### Question 3

```
#include<stdio.h>

int main()
{
    float avgspeed,timetaken,distance;

    printf("Enter distance:");
    scanf("%f",&distance);

    printf("Enter time:");
    scanf("%f",&timetaken);

    avgspeed=distance/timetaken;

    printf("Average speed=%.2f m/s",avgspeed);

}
```

- In this program average speed is not an integer data type but a decimal data type. Even though we could input distance and time as integers the average speed value is decimal.so it'll crash the entire programme. So, we have to upload both distance, time and also average speed in either float or double data type.

## Question 4

```
#include<stdio.h>
int main()
{
    float f,c;

    printf("Enter Fahrenheit value:");
    scanf("%f",&f);

    c=(5/9)*(f-32);

    printf("Celsius value is:%f\n",c);

}
```