Practical 02 – Data Input / Output

Question 01

```c
#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!\n");

    return 0;
}
```

Question 02

```c
#include <stdio.h>
int main()
{
 printf("%10d%10d%10d\n", 2, 4, 8); //Right Align
 printf("%10d%10d%10d\n", 3, 9,27); //Right Align
 printf("%10d%10d%10d\n",4,16,64); //Right Align
 printf("\n\n\n");

 return 0;
}
```

Question 03

```c
#include <stdio.h>

int main()

{

  float distance_travelled,time_taken,average_speed;

  printf("Enter travelled distance (meters): ");

  scanf("%f", &distance_travelled);

  printf("time taken(seconds): ");

  scanf("%f",&time_taken);

  average_speed = distance_travelled / time_taken;

  printf("average speed = %f",average_speed);


  return 0;

}
```

Question 04

```c
#include <stdio.h>

int main()
{

    float fahrenheit, celsius;

    printf("Enter the temperature in Fahrenheit: ");

    scanf("%f", &fahrenheit);

    celsius = (5.0 / 9.0) * (fahrenheit - 32);

    printf("The temperature in Celsius is: %.2f\n", celsius);


    return 0;

}
```