**Sachintha Hasaranga Niyangoda**

**IT21194962**

**Tutorial 2**

**19.08.2021**

**Exercise 1**

1. \*

\*\*  
\*\*\*  
\*\*\*\*  
\*\*\*\*\*

1. 4
2. X=
3. X=2
4. 5=5
5. ---
6. ---
7. value is 45.57

**Exercise 2**

a)

1. 3.45
2. 3.4

b)

1. value= 123.4567;

printf("%.2f",value);

1. value= 3.14159;

printf("%.3f",value);

1. value= 333.546372;

printf("%15.1f \n%15.2f \n%15.3f \n%15.4f \n%15.5f\n",value,value,value,value,value);

**Exercise 3**



#include<stdio.h>

int main(void){

int marks1, marks2; //exercise 3.1

printf("Enter marks 1 : ");

scanf("%d",&marks1);

printf("Enter marks 2 : ");

scanf("%d",&marks2);

printf("marks 1= %d \nmarks 2= %d\n",marks1,marks2);

int total; //exrecise 3.2

total=marks1+marks2;

printf("total= %d\n",total);

float average;

average=(marks1+marks2)\*1.00/2; //exercise 3.3

printf("average marks= %.2f\n",average); //exercise 3.4

return 0;

}

**Exercise 4**



#include<stdio.h>

struct iteam {

int iteamno;

double price; //exercise 4.1

int quantity;

}it1,it2;

int main(void){

printf("enter Iteam No: "); //exercise 4.2

scanf("%d",&it1.iteamno);

printf("enter price: ");

scanf("%lf",&it1.price);

printf("enter quantity: ");

scanf("%d",&it1.quantity);

printf("enter Iteam No: ");

scanf("%d",&it2.iteamno);

printf("enter price: ");

scanf("%lf",&it2.price);

printf("enter quantity: ");

scanf("%d",&it2.quantity);

printf("Iteam No \tPrice \tQuantity \n\t%d \t%.2f \t%d \n\t%d \t%.2f \t%d\n",it1.iteamno,it1.price,it1.quantity,it2.iteamno,it2.price,it2.quantity);

return 0;

}