

Practical 01

Question 01

```
#include<stdio.h>
int main()
{
    printf("My name is Pubudu Chandima \n");
    printf("My school is Dharmapala Vidyalaya Pannipitiya\n");

    return 0;
}
```

Question 02

```
#include<stdio.h>
int main()
{
    printf(" *      \n");
    printf(" **     \n");
    printf(" ***    \n");
    printf(" ****   \n");
    printf(" ***** \n");

    return 0;
}
```

Question 03

```
#include<stdio.h>
int main()
{

    int Int;
    float Float;
    double Double;
    char Char;
    printf ("Enter integer number: ");
    scanf("%d", &Int);
    printf("Enter float number: ");
    scanf ("%f", &Float);
    printf("Enter double number:");
    scanf("%f", &Double);
    printf("Enter character: ");
    scanf(" %c", &Char);

    printf("Integer value: %d\n", Int);
    printf("Float value: %f\n", Float);
    printf ("Double value: %f\n", Double);
    printf("Character value: %c\n", Char);

    return 0;
}
```

Question 04

```
#include <stdio.h>
int main()
{
    int no1,no2,Total;
    printf("Enter First Number: ");
    scanf("%d",&no1);
    printf("Enter Second Number: ");
    scanf("%d",&no2);
    Total=no1+no2;
    printf("The Total is %d\n\n",Total);

    return 0;
}
```

Question 05

```
#include <stdio.h>
int main()
{
    float No1,No2,Average;
    printf("Enter First Number: ");
    scanf("%f",&No1);
    printf("Enter Second Number: ");
    scanf("%f",&No2);
    Average=(No1+No2)/2;
    printf("The Average is %f\n\n",Average);

    return 0;
}
```

Question 06

```
#include <stdio.h>
int main()
{
    char name[20];
    int byear,age;
    printf("Enter Student Name: ");
    scanf("%s",&name);
    printf("Enter Birth Year: ");
    scanf("%d",&byear);
    age=2023-byear;
    printf("%s your age is %d \n\n",name,age);

    return 0;
}
```

Question 07

```
#include<stdio.h>
int main()
{
    int Num01,Num02,temp;// swap = "temp"
    printf("First Numbers: \n");
    scanf("%d",&Num01);
    printf("Second Number: \n");
    scanf("%d",&Num02);
    temp=Num01;
    Num01=Num02;
    Num02=temp;
    printf("Number one: %d\n",Num01);
    printf("Number two: %d\n",Num02);
    return 0;
}
```

Practical 02

Question 01

```
#include<stdio.h>
int main()
{
    printf("HI, HOW OLD ARE YOU? \n\n");

    int age;
    printf("Age: ");
    scanf("%d", &age);
    printf("WELCOME %d \nLET'S BE FRIENDS! \n", age);

    return 0;
}
```

Question 02

```
#include<stdio.h>
int main()
{
    printf("%5d%5d%5d\n", 2, 4, 8);
    printf("%5d%5d%5d\n", 3, 9, 27);
    printf("%5d%5d%5d\n", 4, 16, 64);

    return 0;
}
```

Question 03

```
#include<stdio.h>
int main()
{
    int dist,time,Average;
    printf("Distance travlled? ");
    scanf("%d",&dist);
    printf("Time taken? ");
    scanf("%d",&time);
    Average=dist/time;
    printf("Average speed: %d\n",Average);

    return 0;
}
```

Question 04

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

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

    Celsius=(5.0/9.0)*(Fahrenheit-32);

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

    return 0;
}
```

