**Practical 02 (student id - 30022)**

**Question 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!\n");

}

**Question 02**

#include <stdio.h>

int main()

{

printf("%8d%8d%8d\n",2,4,8);

printf("\n\n");

printf("%8d%8d%8d\n",3,9,27);

printf("\n\n");

printf("%8d%8d%8d\n",4,16,64);

}

**Question 03**

#include <stdio.h>

int main() {

int distance, time, speed;

printf("Enter the distance traveled in meters ");

scanf("%d", &distance);

printf("Enter the time taken in seconds ");

scanf("%d", &time);

speed = distance / time;

printf("Average speed: %d m/s\n", speed);

}

**Question 04**

#include <stdio.h>

int main() {

float fahrenheit, celsius;

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

scanf("%f", &fahrenheit);

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

printf("Temperature in degrees Celsius: %.2f\n", celsius);

}