Question 1

```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!");

    return 0;
}
```

Question 2

```c
#include <stdio.h>

int main()
{
    printf("%20d%10d%10d\n\n",2,4,8);
    printf("%20d%10d%10d\n\n",3,9,27);
    printf("%20d%10d%10d\n\n",4,16,24);

    return 0;
}
```

Question 3

```c
#include <stdio.h>

int main()
{
    float time ,dis,spd;

    printf("Input travelled distance(m)= ");
    scanf("%f",&dis);
    printf("Time spent(s)= ");
    scanf("%f",&time);
    spd=dis/time;
    printf("Your average speed is= %f ",spd);

    return 0;
}
```

Could not get exact value when using integer variables.
Because, speed is a ratio of distance and time, Accordingly the value of speed could not be an integer value,   Variable type inputs also had to be changed.

Question 4

```c
#include <stdio.h>

int main()
{
    int fahr,cel;

    printf("Input Fahrenheit value= ");
    scanf("%d",&fahr);
    cel=5*(fahr-32)/9;

    printf("Celsius value is= %d",cel);

    return 0;
}
```

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`<global>`

main.c

```c
1      #include <stdio.h>
2
3      int main()
4      {
5          int fahr,cel;
6
7          printf("Input Fahrenheit value= ");
8          scanf("%d",&fahr);
9          cel=5*(fahr-32)/9;
10
11         printf("Celsius value is= %d",cel);
12
13         return 0;
14     }
15
```

Logs & others

Code::Blocks | Search results | Cccc | Build log | Build messages | CppCheck/Vera++ | CppCheck/Vera++ messages | Cscope | Debugger | DoxyBlocks | Fortran info | Closed files list | Thread search

```
\Binn;C:\Program Files\Microsoft SQL Server\120\DTS\Binn;C:\Program Files (x86)\Windows Kits\8.1\Windows Performance Toolkit;C:\Users\E bay\AppData\Local\Microsoft\WindowsApps
Executing: "C:\Program Files\CodeBlocks/cb_console_runner.exe" "C:\Users\E bay\Desktop\New folder\practical 2\bin\Debug\practical 2.exe"  (in C:\Users\E bay\Desktop\New folder\practical 2\.)
Process terminated with status -1073741510 (0 minute(s), 9 second(s))
```

C:\Users\E bay\Desktop\New folder\practical 2\main.c   C/C++   Windows (CR+LF)   WINDOWS-1252   Line 15, Col 1, Pos 210   Insert   Read/Write   default

Type here to search   79°F Heavy t-storms   7:21 AM 5/21/2023

Input Fahrenheit value= 68
Celsius value is= 20
Process returned 0 (0x0)   execution time : 5.188 s
Press any key to continue.

Input Fahrenheit value= 150
Celsius value is= 65
Process returned 0 (0x0)   execution time : 4.874 s
Press any key to continue.

Input Fahrenheit value= 22
Celsius value is= -30
Process returned 0 (0x0)   execution time : 2.870 s
Press any key to continue.

Input Fahrenheit value= 0
Celsius value is= -17
Process returned 0 (0x0)   execution time : 2.295 s
Press any key to continue.

Input Fahrenheit value= 212
Celsius value is= 100
Process returned 0 (0x0)   execution time : 0.188 s
Press any key to continue.

Input Fahrenheit value= 200
Celsius value is= -120
Process returned 0 (0x0)   execution time : 1.423 s
Press any key to continue.