# PRACTICAL NO;-3

**AIM;-**USE OF VARIOUS DAT TYPE ALONG WITH FORMAT SPECIFIER AND SWAPING OF TWO NUMBERS.

- **WAP TO FIND SUM OF TWO INTEGERS.**
  SOLUTION-#INCLUDE<stdio.h>
  int main (){
  int a=5;
  int b=6;
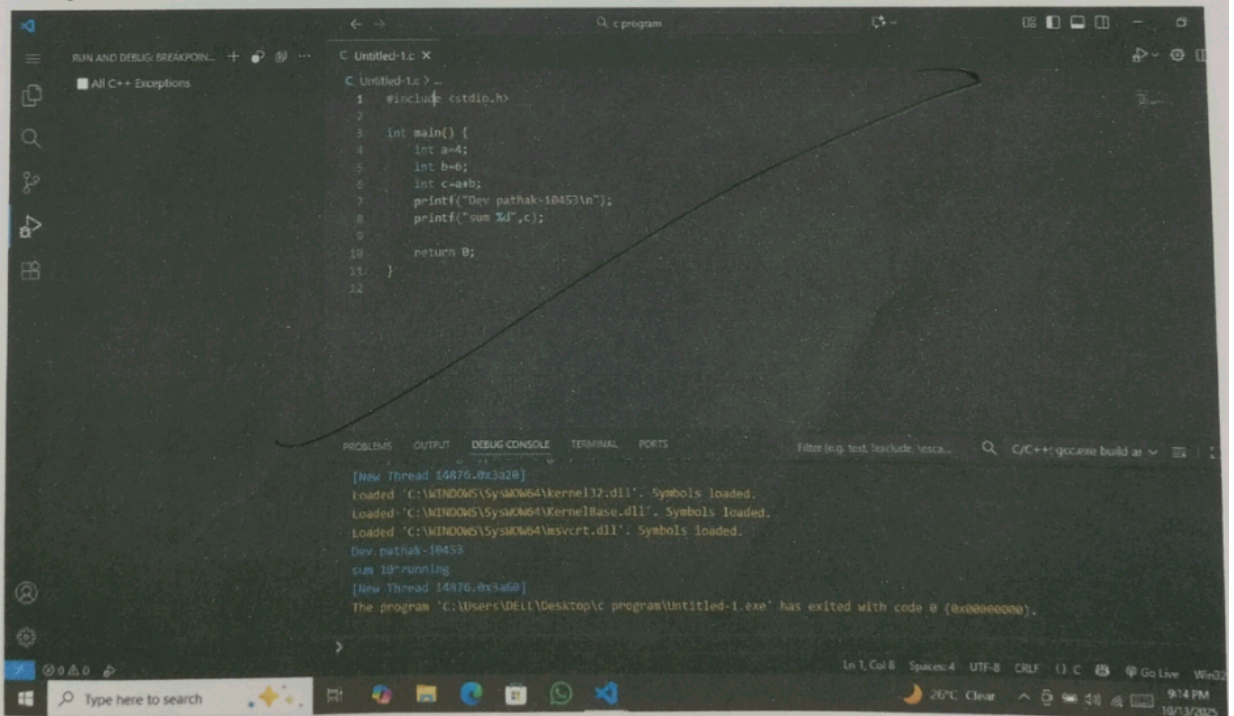  intc=a+b;
  printf("dev pathak\n");
  printf("sum of two numbers;%d",c);
  return0;
  }

  Here we can identify that %d is used in printing the integer value which is format specifier of integer.

  Output;--

## ❖ WAP TWO FIND DIFFERENCE OF TWO DECIMAL NUMBERS.

SOLUTION;-
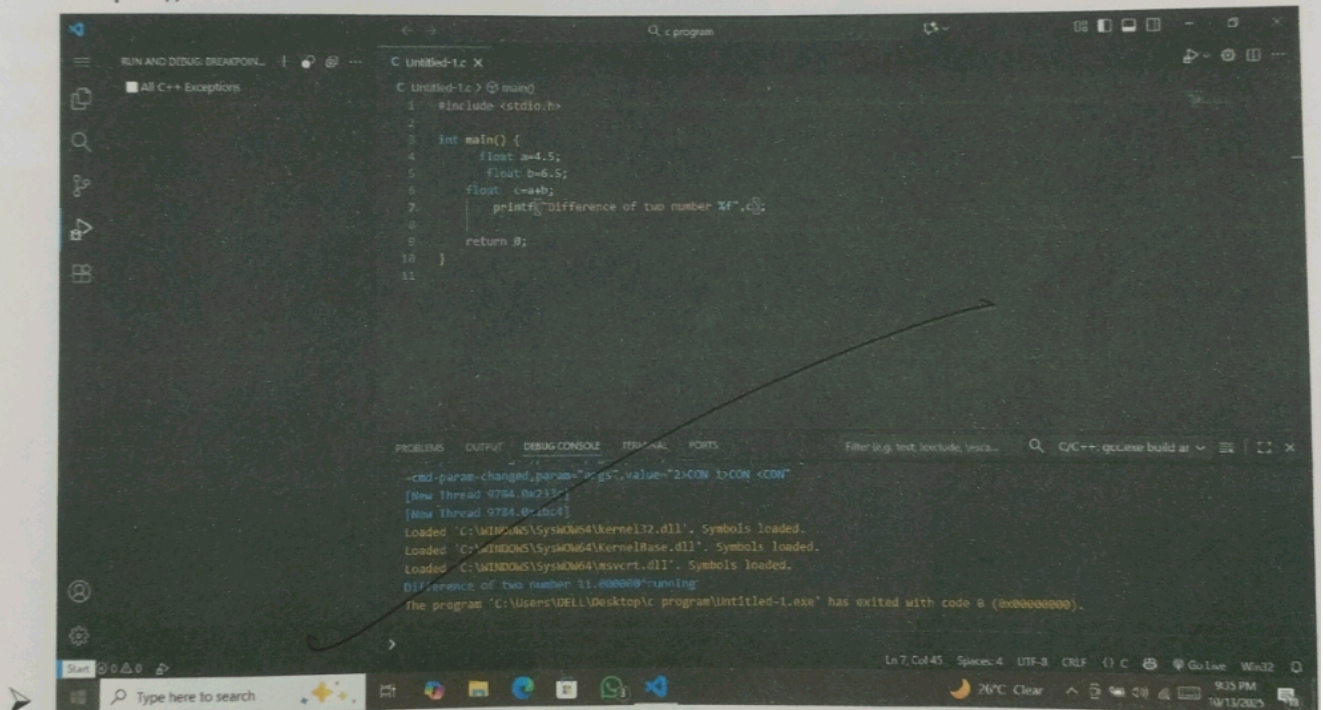
```c
#include<stdio.h>
Int main(){
Float a=9.8;
Float b=8.6;
Float c=a-b;
Printf("DIFFERENCE OPF TWO NUMBERS %F"'C);
 return0;
}
```

Here we can identify that %f is used in printing the float value which is format specifer of float.

➤ Output;;-

## ❖ Wap to convert ascii code to integer and forward 3 characters to the input

Solution # include<stdio.h>

Int main(){

Chara='A';

Printf("character is %c\n",a);

Printf("ASCII Code of character is%d\n"',a);
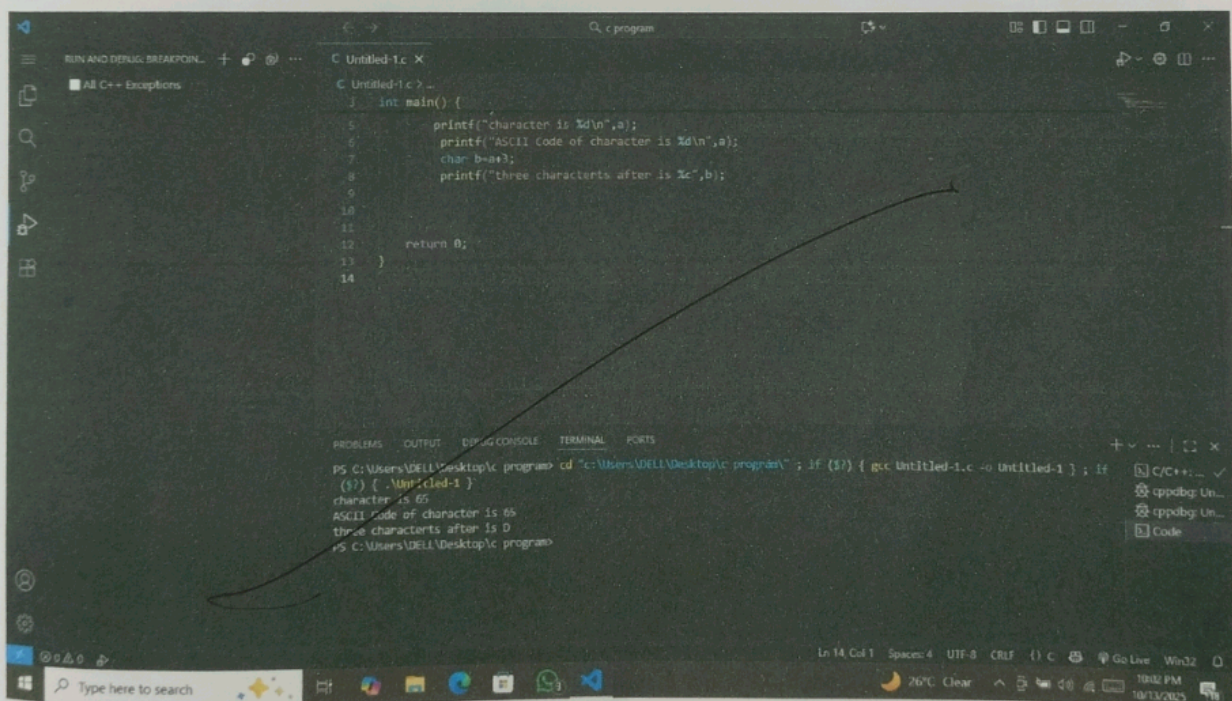
Char b=a+3;
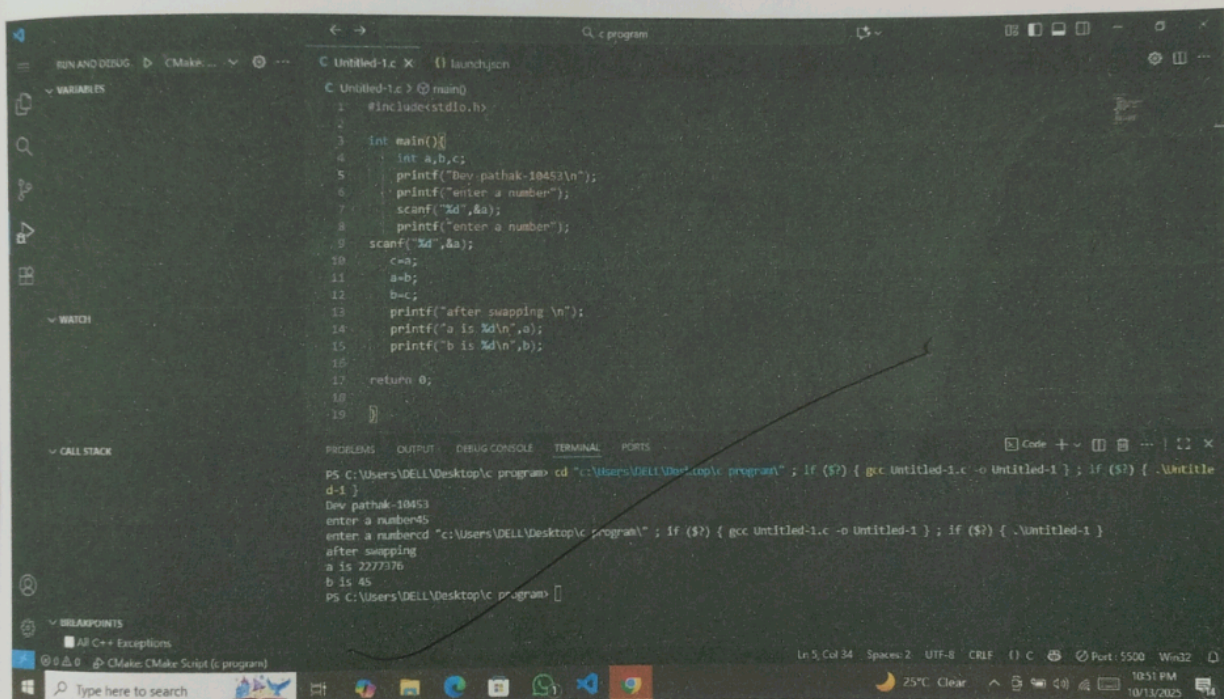
Printf("THREE CHARACTER AFTER IS %c",b);

Return0;

❖ Here we can identify that %c is used in printing the character value which is format specifer of character

❖ Output;-

# ❖ WAP TO INPUT TWO NUMBERS AND SWAP EACH OTHER

## ➤ SOLUTION:-



```c
#include<stdio.h>

int main(){
    int a,b,c;
    printf("Dev pathak-10453\n");
    printf("enter a number");
    scanf("%d",&a);
    printf("enter a number");
    scanf("%d",&a);
    c=a;
    a=b;
    b=c;
    printf("after swapping \n");
    printf("a is %d\n",a);
    printf("b is %d\n",b);

    return 0;
}
```

```
PS C:\Users\DELL\Desktop\c program> cd "c:\Users\DELL\Desktop\c program" ; if ($?) { gcc Untitled-1.c -o Untitled-1 } ; if ($?) { .\Untitle
d-1 }
Dev pathak-10453
enter a number45
enter a numbercd "c:\Users\DELL\Desktop\c program\" ; if ($?) { gcc Untitled-1.c -o Untitled-1 } ; if ($?) { .\Untitled-1 }
after swapping
a is 2277376
b is 45
PS C:\Users\DELL\Desktop\c program>
```

```c
#include<stdio.h>

int main(){
    int a,b,c;
    printf("Dev pathak-10453\n");
    printf("enter a number");
    scanf("%d",&a);
    printf("enter a number");
scanf("%d",&a);
    c=a;
    a=b;
    b=c;
    printf("after swapping \n");
    printf("a is %d\n",a);
    printf("b is %d\n",b);

    return 0;

}
```