

Aim :- write a C program data type.

Algorithm :-

Step 1 :- Start

Step 2 :- Define a, b, c, d with appropriate datatype.

Step 3 :- Accept ~~value of a~~ integer value of a.

Step 4 :- Accept float value of b.

Step 5 :- Accept double value of c.

Step 6 :- Accept ^{character} ~~double~~ value of d.

Step 7 :- Print integer value of a.

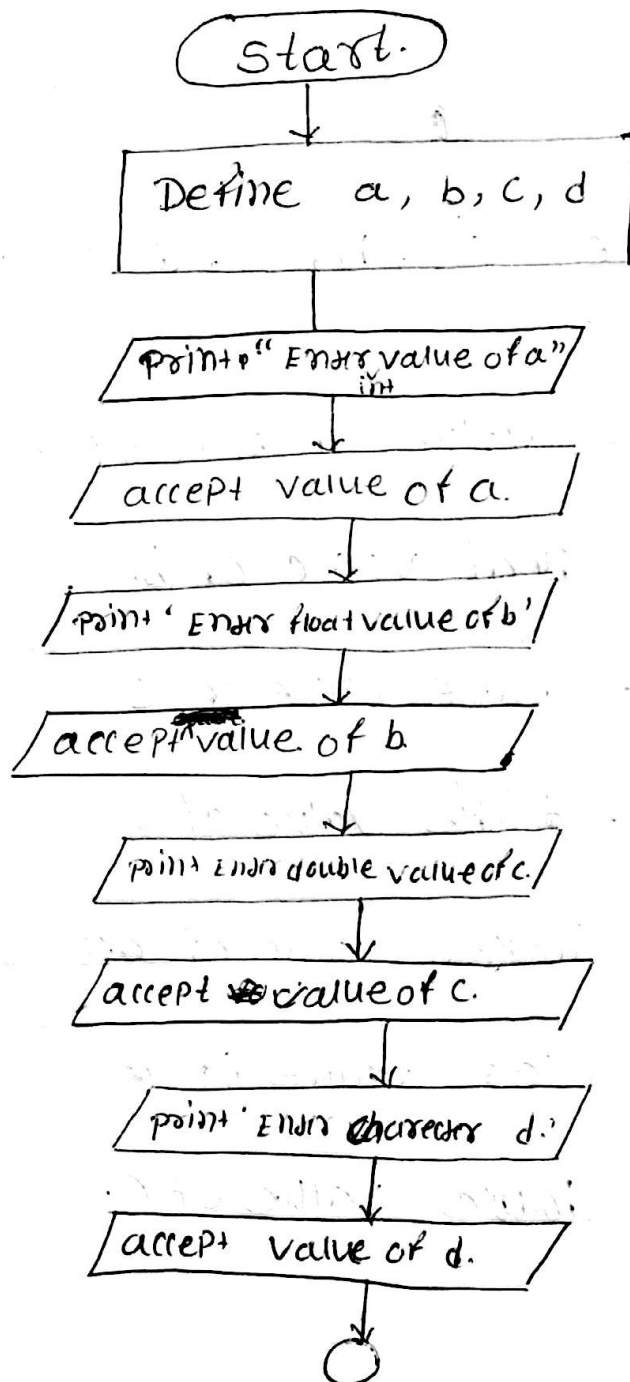
Step 8 :- Print float value of b.

Step 9 :- Print double value of c.

Step 11 :- print character d .

Step 12 :- end.

Flow-chart

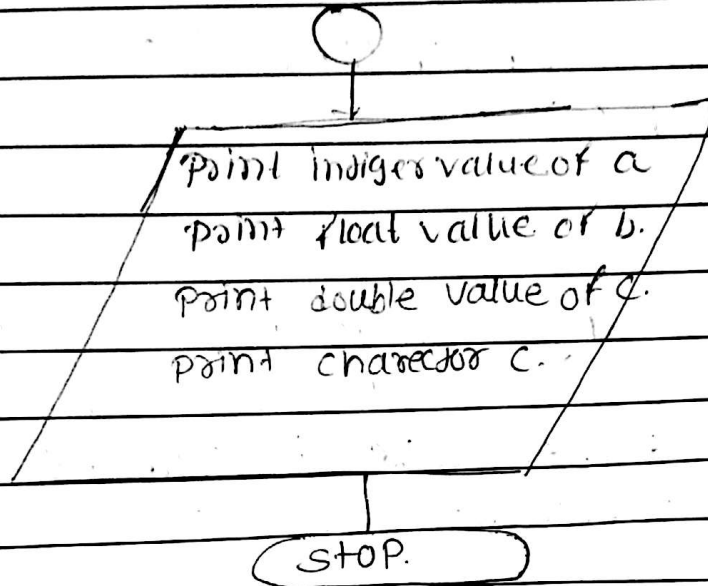


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Program :-

```
#include <stdio.h>
#include <conio.h>
void main ()
{
    int a;
    float b;
    double c;
    char d;
    clrscr ();
    printf (" Enter integer value. ");
    scanf ("%d", &a);
    printf (" Enter float value.");
    scanf ("%f", &b);
```

```
printf ("Enter double value ");  
scanf ("%ld", & c);  
printf ("enter character");  
d = getch();
```

```
printf ("\n integer value is %d", a);  
printf ("\n float value is %f", b);  
printf ("\n double value is %ld", c);  
printf ("\n character is ");  
putch (d);  
getch();  
}
```

input :-

integer value = 2
float value = 22.7
double value = 55555
character value = R.

Out Put :-

integer value is 2
float value is 22.700001
double value is 5555
character ~~is~~ is R.