

Dicky Baskara Hidayat, 241011402329  
Logika Informatika

Floor

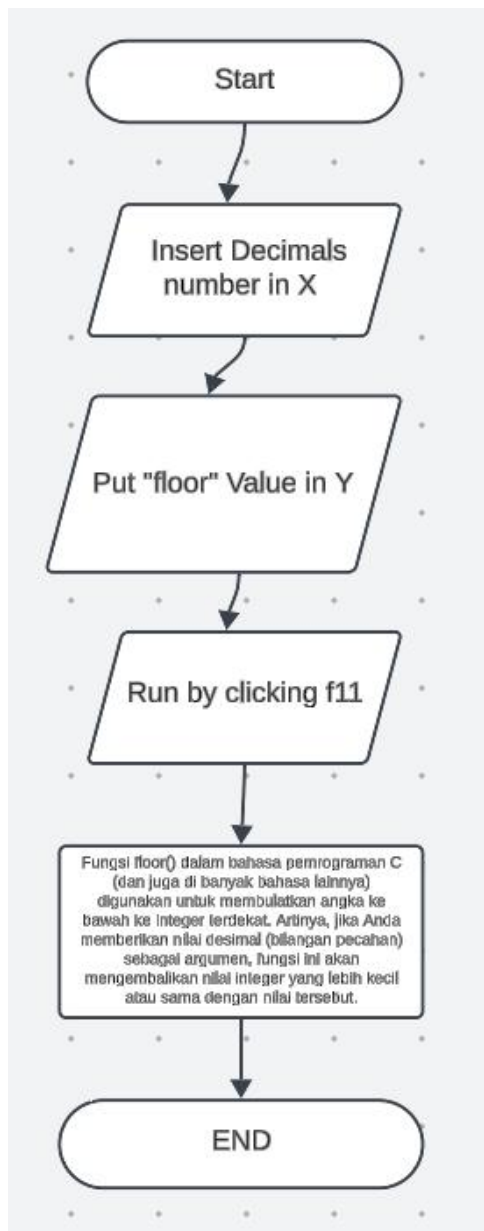
```
Latihan 4 bahasa C (floor).cpp  Latihan 5 bahasa C (round).cpp  Latihan 6 bahasa C (f
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main(){
5      double x,y;
6      x = 12.55;
7      y = floor(x);
8      printf ("%f", y);
9  }
```

```
Latihan 4 bahasa C (floor).cpp  Latihan 5 bahasa C (round).cpp  Latihan
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main(){
5      double x,y;
6      x = 12.55;
7      y = floor(x);
8      printf ("%f", y);
9  }
```

12.000000

-----

Process exited after 0.115 seconds with return code 0  
Press any key to continue . . .

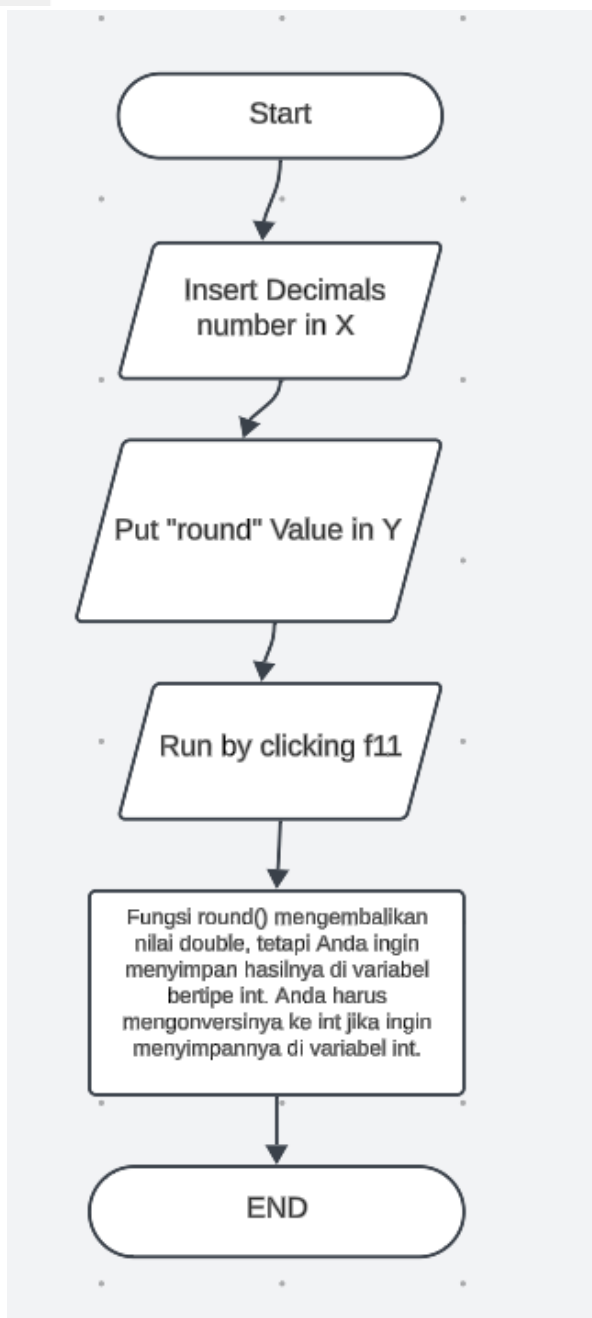


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Round

```
Latihan 4 bahasa C (floor).cpp  Latihan 5 bahasa C (round).cpp  Latihan 6 bah
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main()
5      double x,y;
6      x = 5.4;
7      y = round(x);
8      // Membulatkan nilai X dan casting ke int
9      printf ("%f", y);
10
```

```
Latihan 4 bahasa C (floor).cpp  Latihan 5 bahasa C (round).cpp  Latihan 6 bah
1  #include <stdio.h>
5.000000
-----
Process exited after 0.06702 seconds with return v
Press any key to continue . . .
```



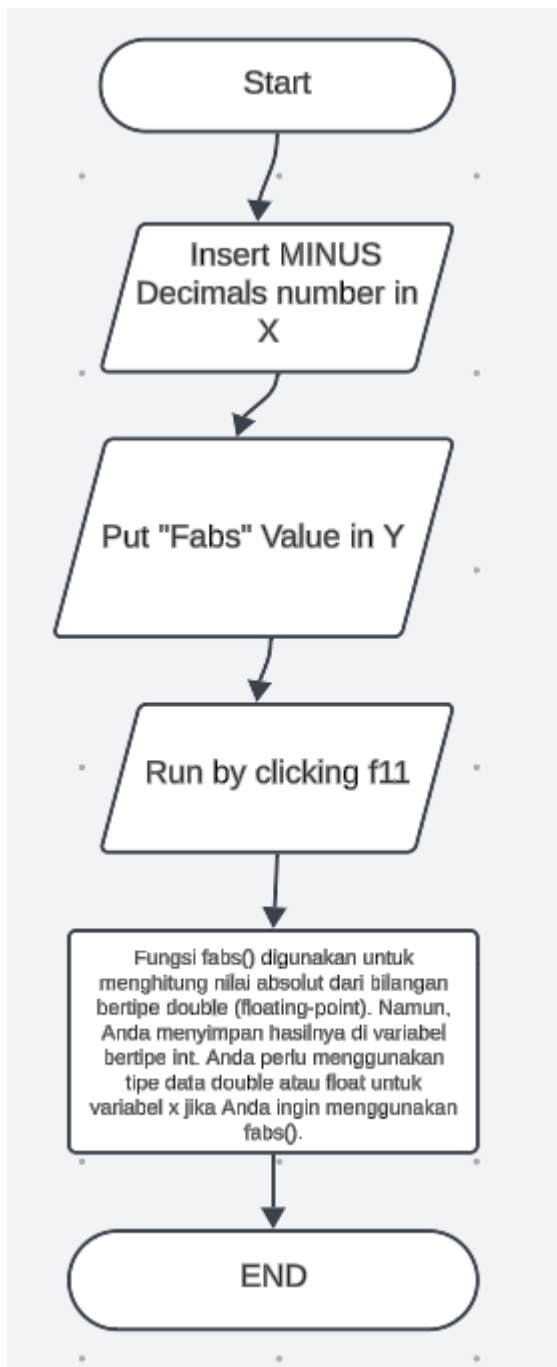
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Logika Informatika

Fabs

```
Latihan 4 bahasa C (floor).cpp  Latihan 5 bahasa C (round).cpp  Latihan 6 bahasa C (fabs).cpp
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main()
5  {
6      double x,y;
7      x = -4.2;
8      y = fabs(x);
9      // Menghitung nilai absolut dari x
10     printf ("Nilai absolut dari %lf adalah %lf\n", x, y);
11 }
```

```
C:\Dicky Baskara\1. Kuliah\UN x + v
Nilai absolut dari -4.200000 adalah 4.200000

-----
Process exited after 0.06326 seconds with return
Press any key to continue . . . |
```

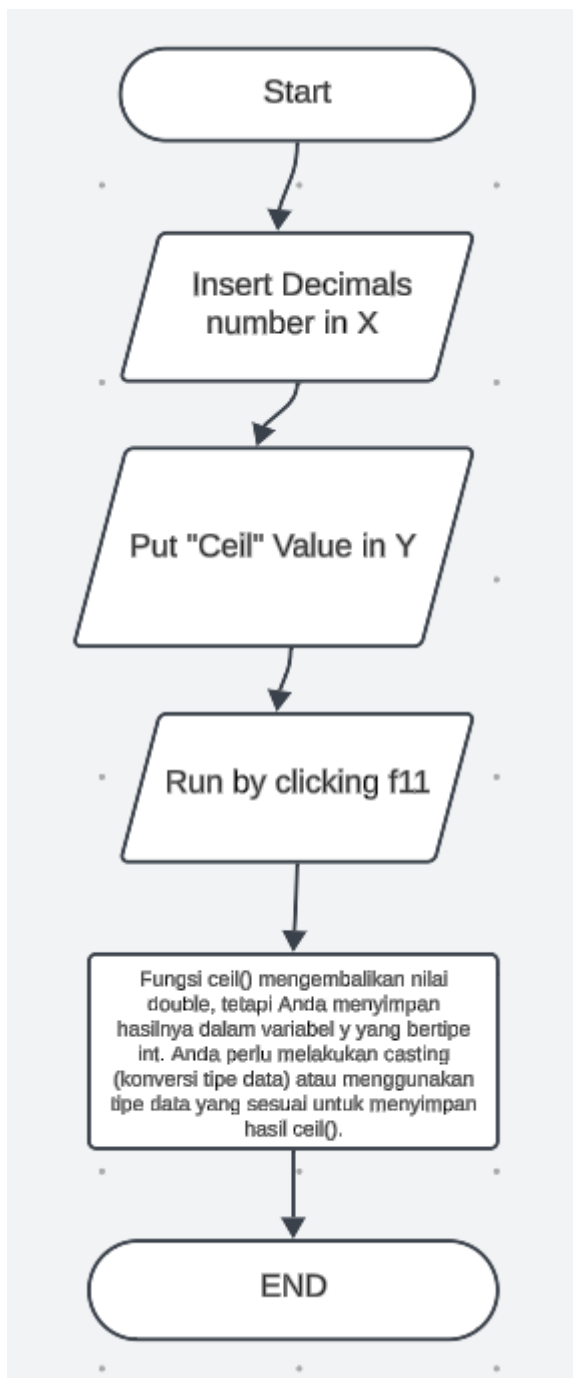


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Ceil

```
latihan 7 bahasa C (ceil).cpp  latihan 8 bahasa C (trunc).cpp  latihan 9 bahasa C (floor).cpp
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main(){
5      double x,y;
6      x = 1.2;
7      y = ceil(x);
8      // Membulatkan ke atas dan casting ke int
9      printf ("%f", y);
10 }
```

```
C:\Dicky Baskara\1. Kuliah\UN x + v
2.000000
-----
Process exited after 0.05889 seconds
Press any key to continue . . .
```

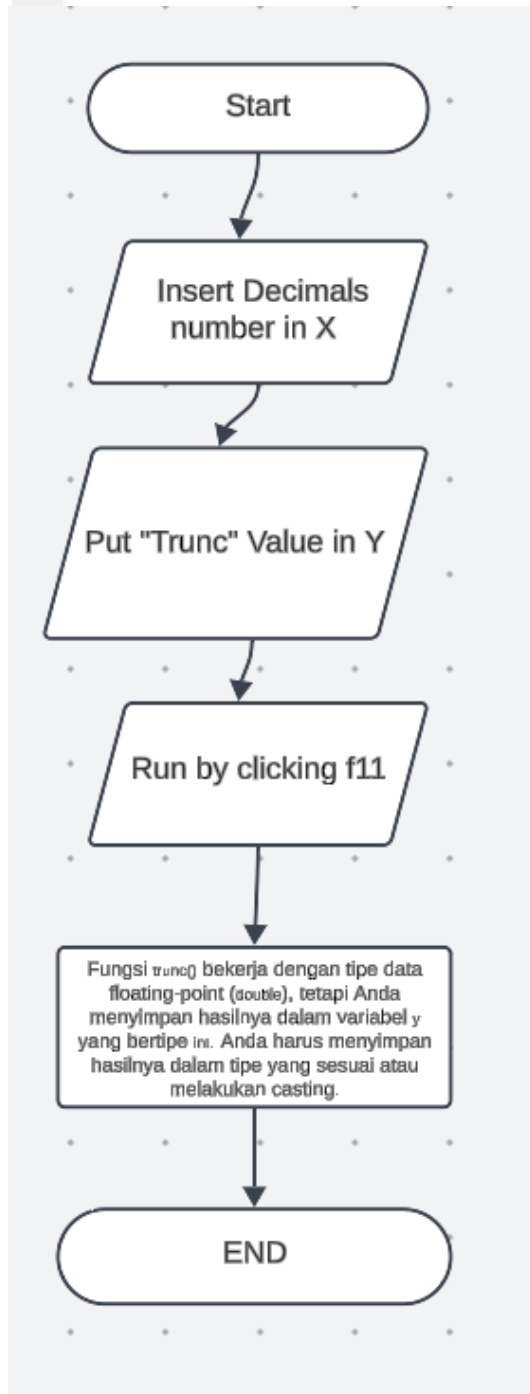


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Trunc

```
latihan 7 bahasa C (cell).cpp  Latihan 8 bahasa C (trunc).cpp  Latihan 9 bahasa C (Pow).cpp
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main(){
5      double x,y;
6      x = 1.9;
7      y = trunc(x);
8      // Fungsi trunc() mengembalikan nilai double, kita casti
9      printf ("%f", y);
10 }
```

```
C:\Dicky Baskara\1. Kuliah\UN x + v
1.000000
-----
Process exited after 0.07934 second
Press any key to continue . . . |
```

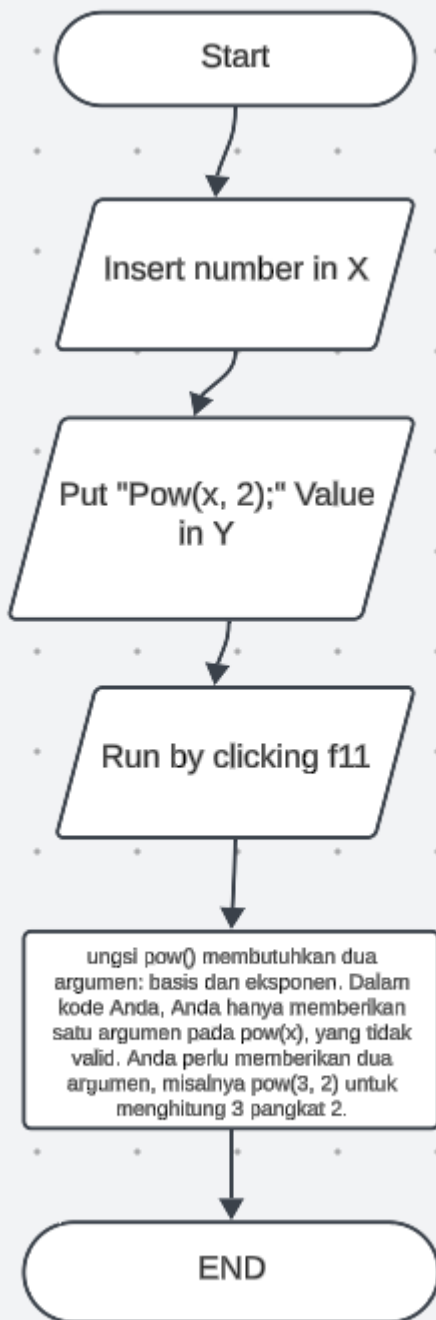


```

1 #include <stdio.h>
2 #include <math.h>
3 //Dicky Baskara
4 main(){
5     int x,y;
6     x = 3;
7     y = (int)pow(x, 2);
8     // Menghitung 3 pangkat 2 dan casting ke int
9     printf ("%d", y);
10 }
    
```

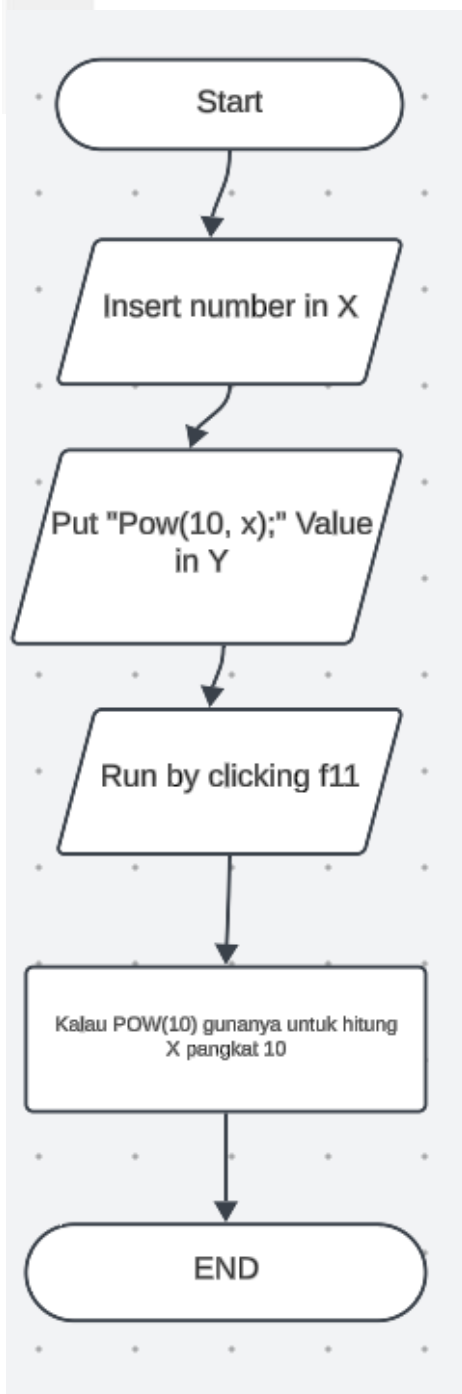
```

9
-----
Process exited after 0.06475 second
Press any key to continue . . .
    
```



```
Latihan 10 bahasa C (pow10).cpp
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main(){
5      double x,y;
6      x = 2;
7      y = pow(10, x);
8      // Menghitung 10 pangkat x
9      printf ("%2f", y);
10 }
```

```
C:\Dicky Baskara\1. Kuliah\UN x +
100.000000
-----
Process exited after 0.08628 sec
Press any key to continue . . .
```

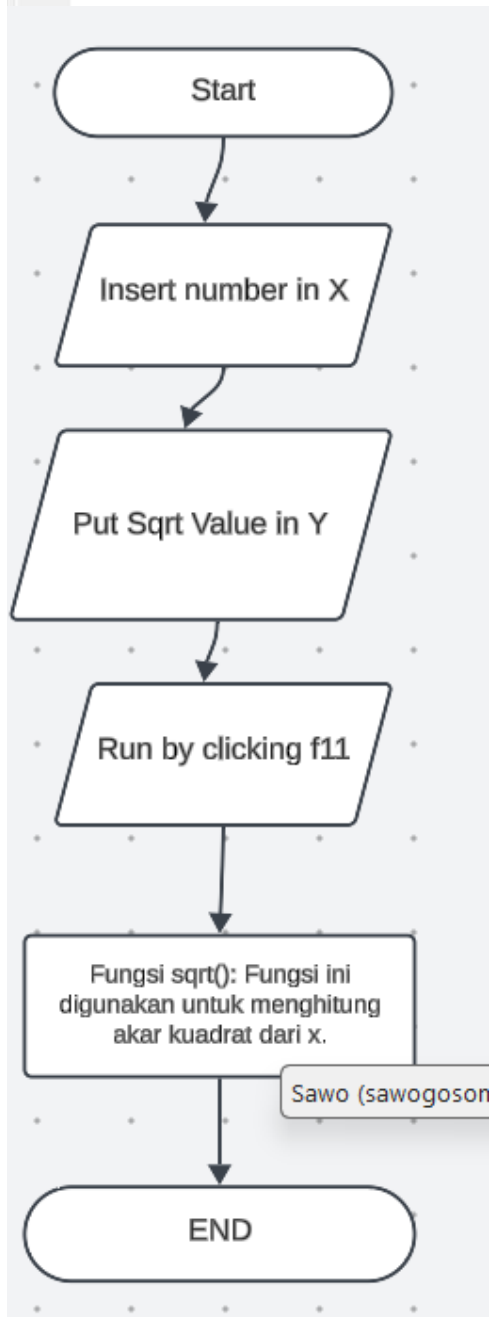


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sqrt

```
Latihan 10 bahasa C (pow10).cpp  Latihan 11 bahasa C (sqrt).cpp
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main()
5  {
6      int x,y;
7      x = 16;
8      y = (int)sqrt(x);
9      // Menghitung akar kuadrat dari x dan casting ke int
10     printf ("%d", y);
11 }
```

```
C:\Dicky Baskara\1. Kuliah\UN  x  +  v
4
-----
Process exited after 0.07116 second
Press any key to continue . . .
```

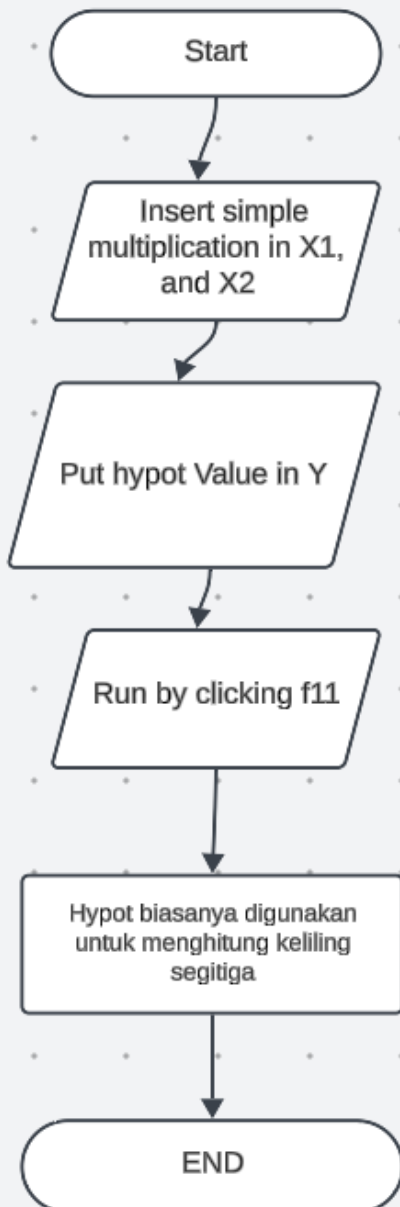




Hypot

```
Latihan 12 bahasa C(hypot).cpp
1 #include <stdio.h>
2 #include <math.h>
3 //Dicky Baskara
4 main()
5 {
6     int x1,x2; double y;
7     x1 = 2 * 2;
8     x2 = 4 * 4;
9     y = hypot(x1, x2);
10    // Menghitung panjang hipotenusa dari dua sisi
11    printf ("%2f\n", y);
}
```

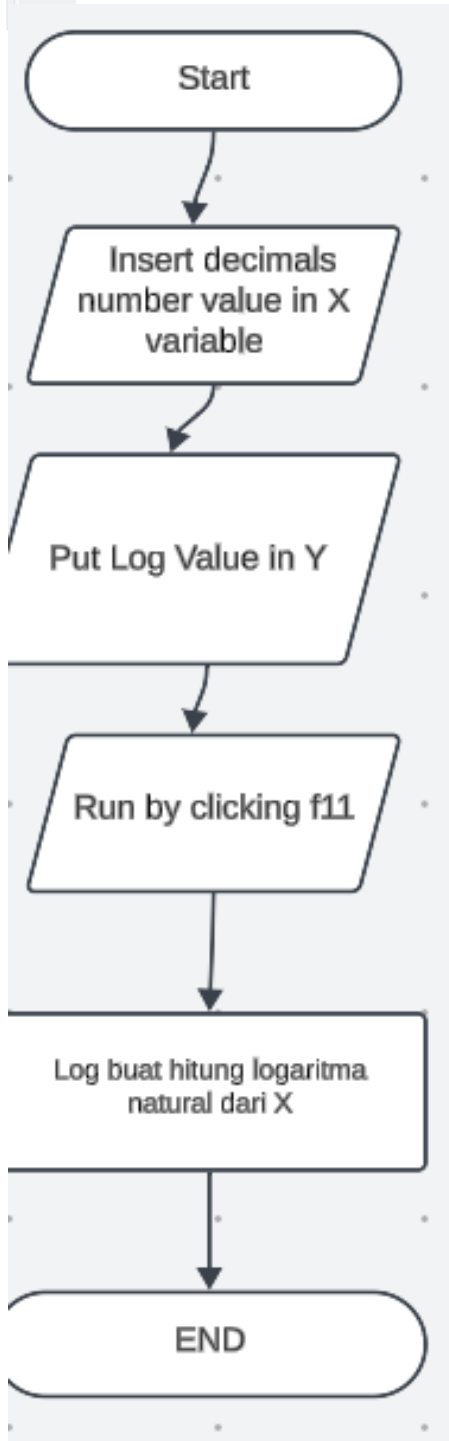
```
Latihan 12 bahasa C(hypot).cpp
C:\Dicky Baskara\1. Kuliah\UN x + v
16.492423
-----
Process exited after 0.07737 seconds with
Press any key to continue . . .
```



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Log

```
Latihan 12 bahasa C(hypot).cpp  Latihan 13 bahasa C (Log).cpp
1  #include <stdio.h>
2  #include <math.h>
3  //Dicky Baskara
4  main(){
5      double x,y;
6      x = 2.4;
7      y = log(x);
8      // Menghitung Logaritma natural dari x
9      printf ("%f", y);
10 }
```



0.875469  
-----  
Process exited after 0.06662 secon  
Press any key to continue . . .

The screenshot shows the program's output in a terminal window. The first line displays the calculated natural logarithm of 2.4, which is 0.875469. This is followed by a series of dashes. The terminal then shows the message 'Process exited after 0.06662 secon' and 'Press any key to continue . . .', indicating the program has finished execution and is waiting for a key press.