

C_90 > Functions in C - Part 1 Eurolions with Argument without Peters Type cyntan: void function name (Dalatyne 1, 2, -- n) function declaration Void furtionname (Dalatyne 1 variable Name), __ n). de la la bar purction difiretion function Call (5,7); > value Enample > function(all (x, y); > woriable. Void fun (int, int); void functint x, int y) mais!) fun(a,b) Low Hours forther Program D void sum (float, float); Void main () sum (2,1,3.1). 1/static values. void nun(floot x, floot y)



float s=0;

S=x+y;

Journey (" Sum= 1.f", s);

Trappan 2:-

Prugnam 2:
Veid sum [float]; Void sum [int, float];

Veid main!

float a, b; anso
pount [(" Enter the Value:in");

slan (" " f f ", ba, &b);

Jum (a, b);

your (a, b);

Void sum (float x, float x) // sum (a);

first S=0;

S=x+y;

pount (" Sun = " f", S); // prunt (" sum = xf, " a+b);

main!)

Sum!?

main!)

Sum!)

Sum!)

Program & Assignment Which a function takes one conquirent as input and chick that rumber is ever or odd.

PROBLEM 1:

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 /** 1 - With Argument No Return Type **/
4
5 void sum(float, float);
 6
   int main()
7
8 | sum(2.1,3.1); //arguments are static values
9
10
   void sum(float x, float y)
11
   □ {
12
     float sum=0;
13
     sum=x+y;
14
     printf("Sum=%f\n", sum);
15
16
```

```
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Sum=5.200000

Process returned 0 (0x0) execution time : 0.047 s

Press any key to continue.
```

PROBLEM 2:

```
#include <stdio.h>
1
2
     #include <stdlib.h>
3
     /** 2 - With Argument No Return Type **/
4
5
    void sum(float, float);
6
    int main()
7
8
       float x, y;
       printf("Enter Values of x and y:\n");
9
10
       scanf("%f %f", &x, &y);
11
       sum(x,y); //arguments as variables holding values
12
13
                                 //same variable name x and y or may be different
    void sum(float a, float b)
14
                                 //scope of variables is only within the function
15
     float sum=0;
16
      sum=a+b;
17
      printf("Sum=%f\n", sum);
18
19
```

```
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Enter Values of x and y:
2.1
3.1
Sum=5.200000

Process returned 0 (0x0) execution time : 3.825 s
Press any key to continue.
```

PROBLEM 3:

```
#include <stdio.h>
  2
       #include <stdlib.h>
  3
      /** 3 - With Argument No Return Type **/
  4
  5
     void sum(float, float);
  6
      int main()
  7
     ₽{
 8
         float x, y;
 9
         printf("Enter Values of x and y:\n");
         scanf("%f %f", &x, &y);
 10
 11 \square sum (x, y, z);
 12
 13
       void sum(float a, float b)
 14
 15
       float sum=0;
 16
        sum=a+b;
        printf("Sum=%f\n", sum);
 17
 18
Code::Blocks X Search results X Cccc X Suild log X Puild messages X CppCheck/Vera++ X CppCheck/Vera
 File
           Line Message
 D:\1. C NO...
                 In function 'main':
D:\1. C NO... 11 error: 'z' undeclared (first use in this function)
 D:\1. C NO... 11 note: each undeclared identifier is reported only once for each fu...
D:\1. C NO... 11 error: too many arguments to function 'sum'
```

PROBLEM 4:

```
#include <stdio.h>
 2
      #include <stdlib.h>
 3
      /** 4 - With Argument No Return Type **/
 4
 5
      void sum(float, float);
  6
     int main()
 7
 8
        float x, y;
 9
         printf("Enter Values of x and y:\n");
10
        scanf("%f %f", &x, &y);
11 sum (x);
12
13
      void sum(float a, float b)
14
15
       float sum=0;
16
       sum=a+b;
       printf("Sum=%f\n", sum);
17
18
19
<
Logs & others
Code::Blocks X Search results X Cccc X Suild log X Build log X Puild messages X CppCheck/Vera++ X CppCheck/
       Line Message
D:\1. C NO... 11 error: too few arguments to function 'sum'
```

PROBLEM 5:

```
#include <stdio.h>
1
     #include <stdlib.h>
2
3
     /** 5 - With Argument No Return Type **/
 4
 5
    void sum(float,int);
 6
    int main()
   □ {
7
8
       float x;
9
      int y;
10
      printf("Enter Values of x and y:\n");
11
      scanf("%f %d", &x, &y);
12
      sum(x,y);
13
14
    void sum(float a,int b)
15
   ₽{
16
     float sum=0;
17
      sum=a+b;
     printf("Sum=%f\n", sum);
18
19
20
```

```
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Enter Values of x and y:
3.1
2
Sum=5.100000

Process returned 0 (0x0) execution time: 5.760 s

Press any key to continue.
```

PROBLEM 6:

```
1 #include <stdio.h>
   #include <stdlib.h>
3
   /** 6 - With Argument No Return Type **/
5 void sum(int);
    int main()
7
   ₽{
8
     int x;
    printf("Enter Values of x:\n");
9
    scanf("%d",&x);
sum(x);
10
11
12 | getch();
13 |
13
14 void sum(int a)
15 □{
16 if(a%2==0)
17
     printf("Entered number %d is Even number\n",a);
18
20
```

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```
Enter Values of x:
6
Entered number 6 is Even number
```

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```
Enter Values of x:
7
Entered number 7 is Odd number
-
```