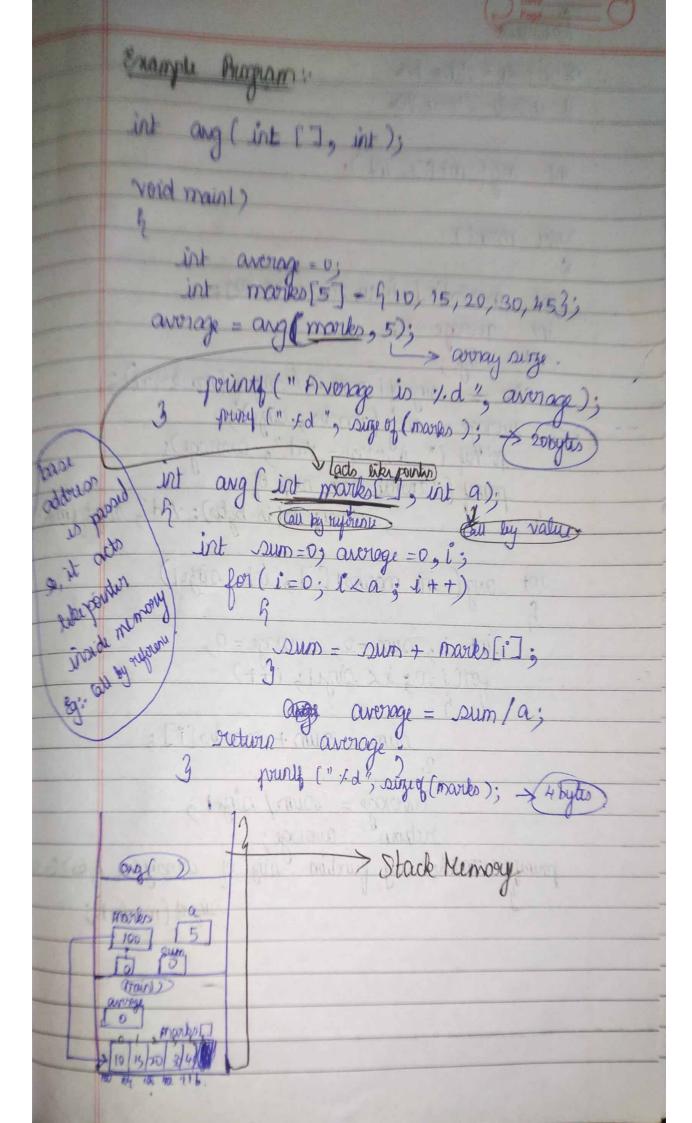
C.96 > Passing on sovery as an conquent to value. It a function we use avoray. int function name (int []); reterrityre function name (datatype []); function\_name (averay\_name);

subsortyne function\_name (datatype averagname);

g: > int aug (int []); > function dubaration



Bugnan # ixlide Lotdio. h> # include (come h) int ang (int [7, int); reid main() int marks [5] = 1 10, 20, 30, 40, 503; int average = 0;
int size;
size = size of (marks) / size of (marks [o]); average = and (marks, singe);

point (" sherage = 1/d", average);

point ("Inside main size of

average so (is bytes): 1/d", singed (mass). irt ang (int marker [], int sitzer) int i, sum = 0, average = 0; for(i=0; is sign; i++) sum = sum + marko[i]; return average;

pound ("Inside any function sign of averay (in bytes) is the size of (marks 1);

## PROBLEM 1:

```
#include <stdio.h>
2
     #include <stdlib.h>
3     /** 1 - PASSING ARRAY AS AN ARGUMENT TO FUNCTION **/
 4 int marks(int[],int);
   int main()
7
     int marks[]={10,20,30,40,50};
8
     int size=0, average=0;
9
     size=sizeof(marks)/sizeof(marks[0]);
10
     average=avg(marks,size);
11
     printf("Average is %d\n",average);
12
     getch();
13
14
    int avg(int marks1[],int size1)
15
16
     int i, sum=0, average=0;
17
     for (i=0; i < size1; i++)</pre>
18
19
      sum=sum+marks1[i];
20
21
     average=sum/size1;
22
      return average;
23
```

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```
Average is 30
```

```
1
    #include <stdio.h>
 2
     #include <stdlib.h>
     /** 1 - PASSING ARRAY AS AN ARGUMENT TO FUNCTION **/
 3
 4 int marks(int*,int); //or int marks(int[],int)
 5
     int main()
 6
 7
      int marks[]={10,20,30,40,50};
 8
     int size=0, average=0;
 9
      size=sizeof(marks)/sizeof(marks[0]);
10 average=avg(marks, size); //we are passing only base address of marks
     printf("Average is %d\n", average);
11
    getch();
12
13
14 int avg(int* marks1,int size1) //or int avg(int marks1[],int size1)
int i, sum=0, average=0;
for (i=0; i < size1; i++)</pre>
16
17
18
19
      sum=sum+marks1[i];
     - }
20
21
     average=sum/size1;
    return average;
22
23
24
25
```

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Average is 30