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Subject: PF Lab

QUIZ # 1

Question no 2:

Code:

```c
//write a C program to calculate displacement
#include<stdio.h>
int main()
{
 float d,t; // d means  displacement t means time

 const float g= 9.8; // g value =9.8

 printf("Enter value of t");
 scanf("%f",&t);

 d= (0.5)*(g)*(t*t);

 printf("value of diagonal is %f\n meter",d); // displacement is equal to
 return 0;
 }
```
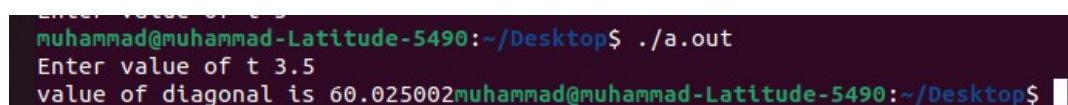
Output:

```
muhammad@muhammad-Latitude-5490:~/Desktop$ ./a.out
Enter value of t 3.5
value of diagonal is 60.025002muhammad@muhammad-Latitude-5490:~/Desktop$
```

j

Question1 :

Code:

```c
#include<stdio.h>
int main()
{
 float area,perimeter,l,d1,d2;

 printf("Enter value of l");
```
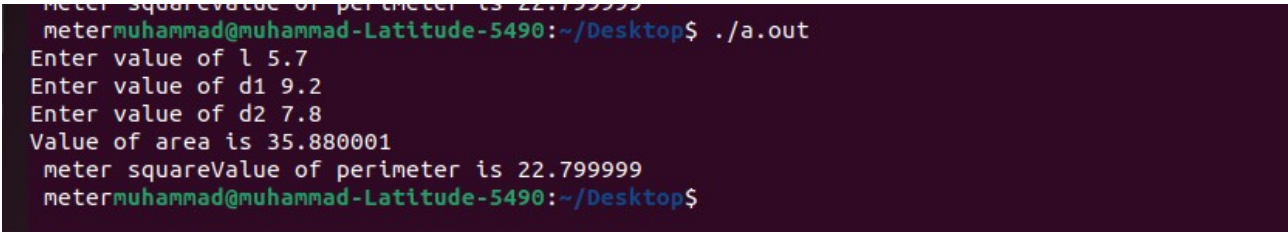
```c
scanf("%f",&l);

printf("Enter value of d1");
scanf("%f",&d1);

printf("Enter value of d2");
scanf("%f",&d2);

area= 0.5*(d1*d2);
printf("Value of area is %f meter square\n",area);

perimeter=4*l;
printf("Value of perimeter is %f meter\n",perimeter);
return 0;}
```

Output :