

# C Programming Assignment 1

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## Question 17 :Area and perimeter of a square.

Write a program in C Area and perimeter of a square.

Code:

```
1 #include<stdio.h>
2 int main()
3 {
4     int s,p,a;
5     printf("enter side of a square");
6     scanf("%d",&s);
7     p=4*s;
8     a=s*s;
9     printf("perameter of square is %d ",p);
10    printf("\n area of square is %d",a);
11    return 0;
12 }
```

Figure 1: Program with output

main.c	Output
<pre>1 #include&lt;stdio.h&gt; 2 int main() 3 { 4     int s,p,a; 5     printf("enter side of a square"); 6     scanf("%d",&amp;s); 7     p=4*s; 8     a=s*s; 9     printf("perameter of square is %d ",p); 10    printf("\n area of square is %d",a); 11    return 0; 12 }</pre>	<pre>enter side of a square251 perameter of square is 1004 area of square is 63001  === Code Execution Successful ===</pre>