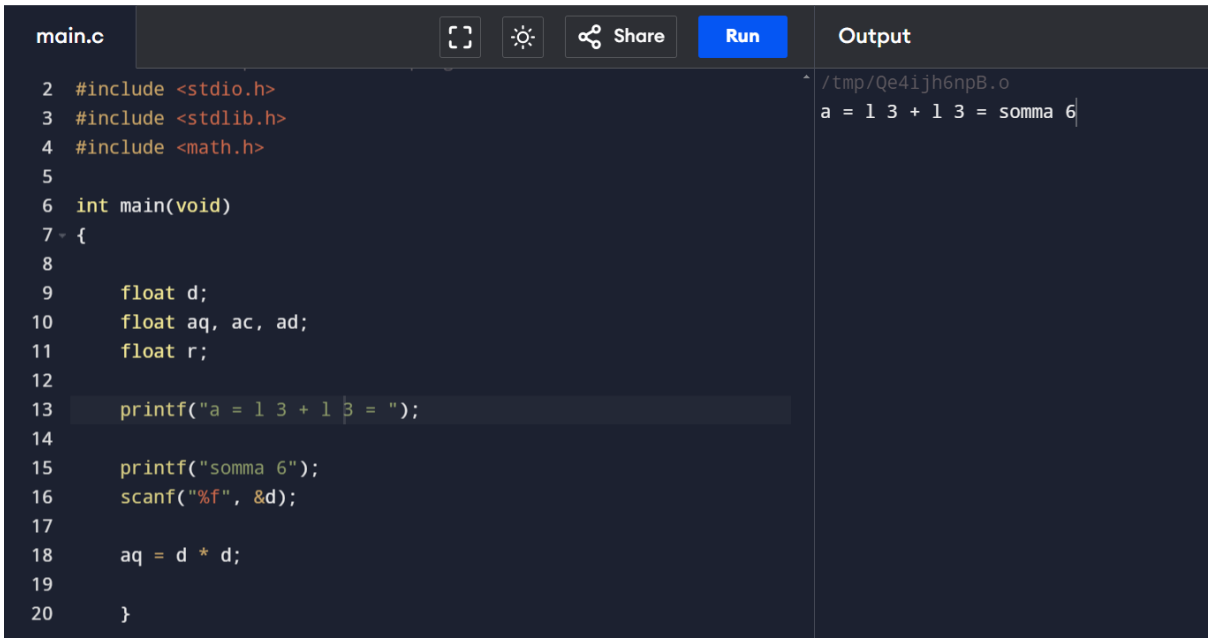
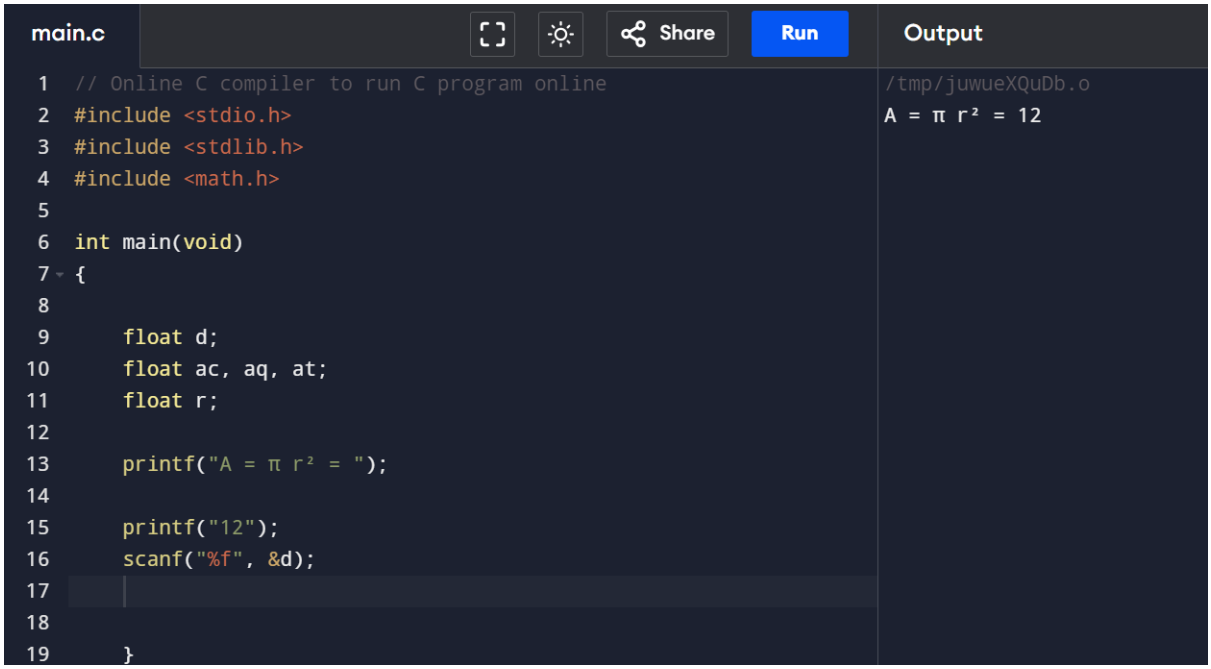
REPORT PROGRAMMAZIONE C

In questo esercizio abbiamo effettuato la programmazione con C di formule per i calcoli dell' area del quadrato, cerchio e triangolo

Inserendo i comandi per avere accesso alle librerie con stdio.h, stdlib.h e math.h

I comandi usati sono int main, float, print f e scan f





main.c

Share Run Output

```c
// Online C compiler to run C program online
#include <stdio.h>
#include <stdlib.h>
#include <math.h>

int main(void)
{

    float d;
    float ac, aq, at;
    float r;

    printf("A = b × a : 2 = ");

    printf("7");
    scanf("%f", &d);

     }
```

```
/tmp/lB791mn6kW.o
A = b × a : 2 = 7
```

main.c

Share Run Output

```c
#include <stdio.h>
#include <stdlib.h>
#include <math.h>

int main(void)
{

    float d;
    float ac, aq, at;
    float r;

    printf("M_PI * ( r * r) \n\n ");

    printf("8");
    scanf("%f", &d);

    ac = M_PI * ( r * r);

     }
```

```
/tmp/xsp0fcdcVo.o
M_PI * ( r * r)

 8
```

main.c

Share Run Output

```c
#include <math.h>

int main(void)
{

    float d;
    float aq, ac, at;
    float r;

    printf("ac r = d/2 \n\n ");

    printf("risultato calcolo aree:\n");

    printf(" 8");
    scanf("%f", &d);

    ac = M_PI * ( r * r);

}
```

```
/tmp/GKwGM19uBc.o
ac r = d/2

 risultato calcolo aree:
 8
```

main.c

Share Run Output

```c
#include <math.h>

int main(void)
{

    float d;
    float aq, ac, at;
    float r;

    printf("( sqrt (3) / (4) * ( d * d) \n\n ");

    printf("risultato calcolo aree:\n");

    printf(" 6");
    scanf("%f", &d);

    at = ( sqrt ( 3 ) / ( 4 ) * ( d * d));

}
```

```
/tmp/0JCSgdBlhe.o
( sqrt (3) / (4) * ( d * d)

 risultato calcolo aree:
 6
```

main.c

Share Run Output

```c
#include <stdio.h>
#include <stdlib.h>
#include <math.h>

int main(void)
{

    float d;
    float ac, aq, at;
    float r;

    printf("l + l \n\n ");

    printf("6");
    scanf("%f", &d);

    aq = pow(d,2);

     }
```

```
/tmp/2p16BRXZzk
l + l

 6
```