## Implementation of a rudimentary code snippets

```
main.c

1  #include <stdio.h>
2  int main()
3  * {
4   int x = 3, y = 5, z = 15, w = -1, k;
5
6   k = x * w + y * (z=7);
7   printf("Value of given expression: %d", k);
8   return 0;
9 }
Output

/tmp/75xihJa0oS.o

Value of given expression: 32
```

Run main.c Output 1 #include <stdio.h> /tmp/7SxihJa0oS.o 2 int main() Value of given expression m= 8 Value of given expression n= 65 3 + { int w = 0, x = 2.5, y = 5, z = 3, r, s = 4, t = 5, u = -3, Value of given expression o= 1.000000 m, n; 5 double a = 2.36, b = 3.19, c = 3.0, d = 2.91726; 6 float o; m = (int) (c \* y / z + y / z \* c);9 n= (x - s \* t \*- c - u); 10 o= (float) (x + y < z + w && a > b - 17 \* x || ! x < 5);11 printf("Value of given expression m= %d\n", m); 12 13 printf("Value of given expression n= %d\n", n); 14 printf("Value of given expression o= %f\n", o); 16 return 0; 17 } 18

a.

## Implementation of a rudimentary code snippets

```
[] 6
                                                                           Run
                                                                                     Output
 1 #include <stdio.h>
                                                                                    /tmp/QBsxxt05f1.o
 2
                                                                                    Enter rows=3
                                                                                    rows=3 col=6
 3 * int main() {
 4 int rows,col,i,j;
     printf("Enter rows=");
     scanf ("%d", &rows);
col=2*rows;
 6
                                                                                    *****
 8
      printf ("rows=%d col=%d\n", rows, col);
 9
10
       for (i=1; i<=rows; i++)
11 -
           //printf("i=%d",i);
12
13
              for (j=1; j<=col; j++)
14 +
                  if((j<=i) || (j>=(col-i+1)))
15
                      printf ("*");
16
17
                     printf (" ");
18
              }
19
           printf("\n");
20
21
22 return 0;
23 }
```

C.

```
[] 6
 1 #include <stdio.h>
                                                                               /tmp/QBsxxt05f1.o
                                                                               Enter rows=/tmp/QBsxxt05f1.o
 3 * int main() {
                                                                               Enter rows=5
 4 int rows,col,i,j;
                                                                               rows=5 col=10
     printf("Enter rows=");
 5
       scanf ("%d", &rows);
     col=2*rows;
                                                                               *** ***
 8
     printf ("rows=%d col=%d\n", rows, col);
                                                                               *****
 10
      for (i=1; i<=rows; i++)
12
           //printf("i=%d",i);
13
              for (j=1; j<=col; j++)
14 +
15
                 if((j<=i) || (j>=(col-i+1)))
16
                     printf ("*");
17
                     printf (" ");
19
             }
20
          printf("\n");
22 return 0;
23 }
```

d.

## Implementation of a rudimentary code snippets

