Implementation of a rudimentary code snippets

a.

main.c

```c
#include <stdio.h>
int main()
{
    int x = 3, y =5,z =15, w = -1,k;

    k = x * w + y * (z=7);
    printf("Value of given expression: %d", k);
    return 0;
}
```

Output

```
/tmp/7SxihJaOoS.o
Value of given expression: 32
```

b.

main.c

```c
#include <stdio.h>
int main()
{
    int w = 0, x = 2.5, y = 5, z = 3, r, s = 4, t = 5, u = -3,
        m, n;
double a = 2.36, b = 3.19, c = 3.0, d = 2.91726;
float o;

  m= (int) (c * y / z + y / z * c);
n= (x - s * t *- c - u);
o= (float) (x + y < z + w && a > b - 17 * x || ! x < 5);

    printf("Value of given expression m= %d\n", m);
      printf("Value of given expression n= %d\n", n);
    printf("Value of given expression o= %f\n", o);

    return 0;
}
```

Output

```
/tmp/7SxihJaOoS.o
Value of given expression m= 8
Value of given expression n= 65
Value of given expression o= 1.000000
```

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Implementation of a rudimentary code snippets

c.

main.c

```c
#include <stdio.h>

int main() {
    int rows,col,i,j;
    printf("Enter rows=");
    scanf ("%d", &rows);
    col=2*rows;
    printf ("rows=%d col=%d\n", rows, col);

    for (i=1; i<=rows; i++)
    {
        //printf("i=%d",i);
            for (j=1; j<=col; j++)
            {
               if((j<=i) || (j>=(col-i+1)))
                   printf ("*");
                else
                   printf (" ");
            }
        printf("\n");
    }
    return 0;
}
```

Output

```
/tmp/QBsxxt05f1.o
Enter rows=3
rows=3 col=6
*    *
**  **
******
```

d.

main.c

```c
#include <stdio.h>

int main() {
    int rows,col,i,j;
    printf("Enter rows=");
    scanf ("%d", &rows);
    col=2*rows;
    printf ("rows=%d col=%d\n", rows, col);

    for (i=1; i<=rows; i++)
    {
        //printf("i=%d",i);
            for (j=1; j<=col; j++)
            {
               if((j<=i) || (j>=(col-i+1)))
                   printf ("*");
                else
                   printf (" ");
            }
        printf("\n");
    }
    return 0;
}
```

Output

```
/tmp/QBsxxt05f1.o
Enter rows=/tmp/QBsxxt05f1.o
Enter rows=5
rows=5 col=10
*        *
**      **
***    ***
****  ****
**********
```

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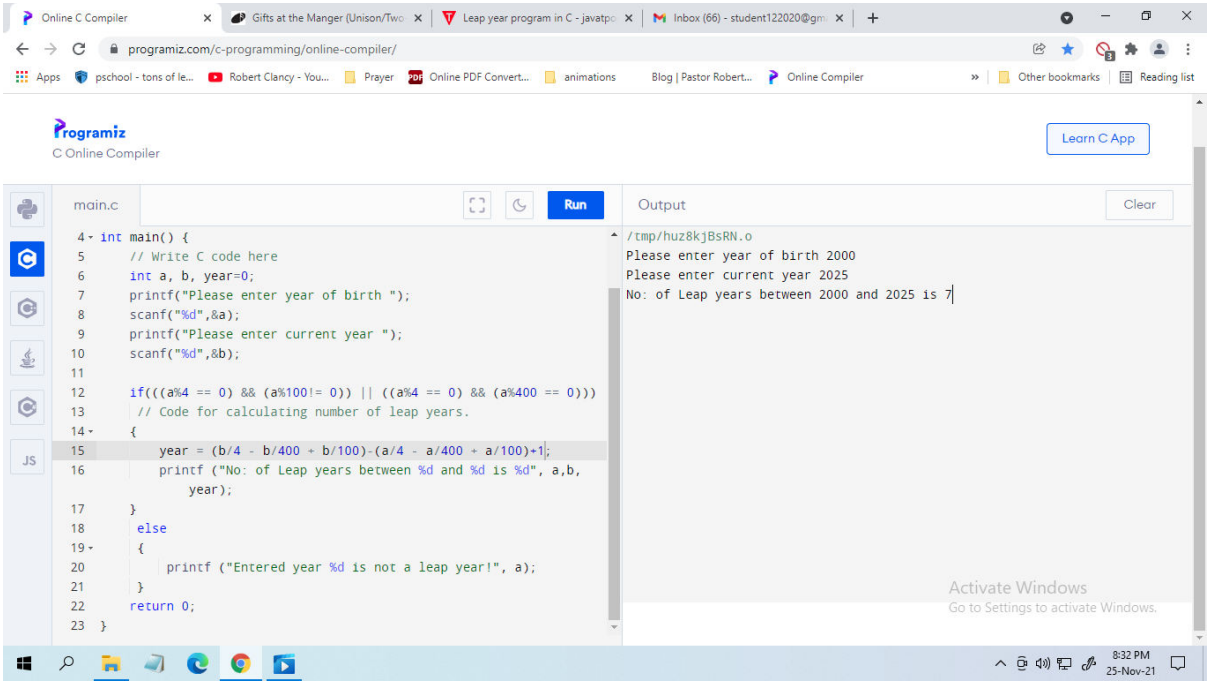
e. 

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