

Q1. Code the following prompt and value input and value editing in a Do While Loop to make sure you have either 5,7,9,or 11

Request an odd number between 5 and 11 inclusive.

Q2. Code just the nested loop the following diagram using row and col comparisons.

```
X * * * * X
* X * * * X *
* * X * X * *
* * * O * * *
* * X * X * *
* X * * * X *
X * * * * X
```

Q3. Create a function, named calcCircle that will pass a float value of radius that will output the Circumference and Area of a Circle. The equation of the circumference of a circle is :
Circumference = 2 * radius * Pi (Pi = 3.142758).
Area = Pi * radius ** 2 (radius squared).

Q4 . Write the Loop Statements that will only display the numbers from 1 to 99 that contain a '7' in it.

Output:

7 17 27 37 47 57 67 70 71 72 73 74 75 76 77 78 79 87 97

Q5. Display the truth table for the following logical equation:

If (((A > 5) || (B<0)) && (!(C%2) == 1)))

Determine whether it is TRUE or FALSE for the following values : A = 7, B = 2, C=7

Q6. Coding Question (you must code this problem and submit via Blackboard):

Using Nested Loops display the following exactly as it is shown below:

Rows	Columns								
	1	2	3	4	5	6	7	8	9
1	11	12	13	14	15	16	17	18	19
2	21	22	23	24	25	26	27	28	29
3	31	32	33	34	35	36	37	38	39
4	41	42	43	44	45	46	47	48	49