**Practice on Loops**

1. Use a for loop to print the following statement (n times): n should be specified by the user  
    Example when (n=5)

|  |
| --- |
| 1. I love programming  2. I love programming  3. I love programming  4. I love programming  5. I love programming |

1. Use a for loop to print the following alternate statement (n times): n should be specified by the user  
    Example when (n=6)

|  |
| --- |
| 1. I love programming  2. I hate programming  3. I love programming  4. I hate programming  5. I love programming  6. I hate programming |

1. Use a While loop to print the sum of numbers between 1 and n. n should be specified by the user  
    Example when (n=5)

|  |
| --- |
| Sum is 15 |

1. Use a While loop to print the product of numbers that are multiples of 3 between 1 and n. n should be specified by the user  
    Example when (n= 15)

|  |
| --- |
| Product is 29160 (i.e. 1\*3\*6\*9\*12\*15) |

1. Use a While loop to print the following shapes. n should be specified by the user  
    Example when n=5

|  |
| --- |
| \*  \*\*  \*\*\*  \*\*\*\*  \*\*\*\*\* |
| \*  ++  \*\*\*  ++++  \*\*\*\*\* |
| \*  \*\*  \*\*\*  \*\*\*\*  \*\*\*\*\*  \*\*\*\*  \*\*\*  \*\*  \* |
|  |

Repeat the above program as long as the user specifies (‘Y’ or ‘y’)