Yagna Dheepika Venkitasamy
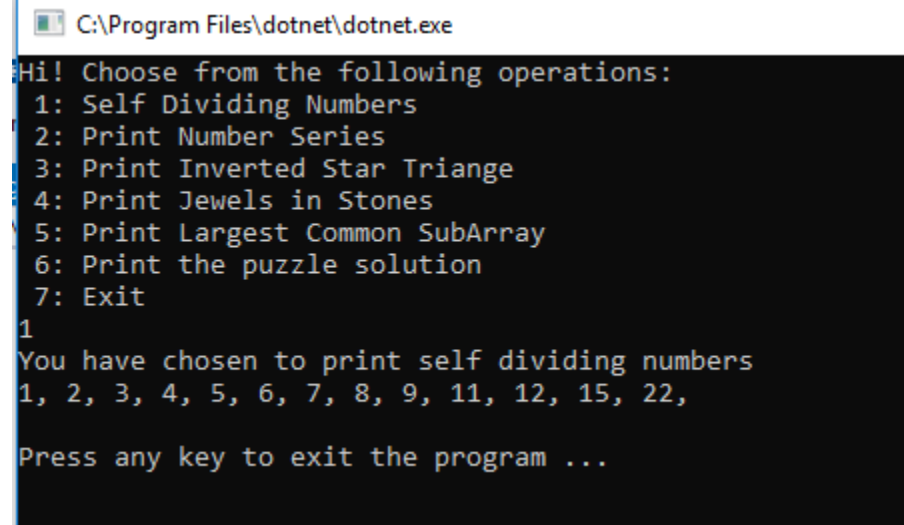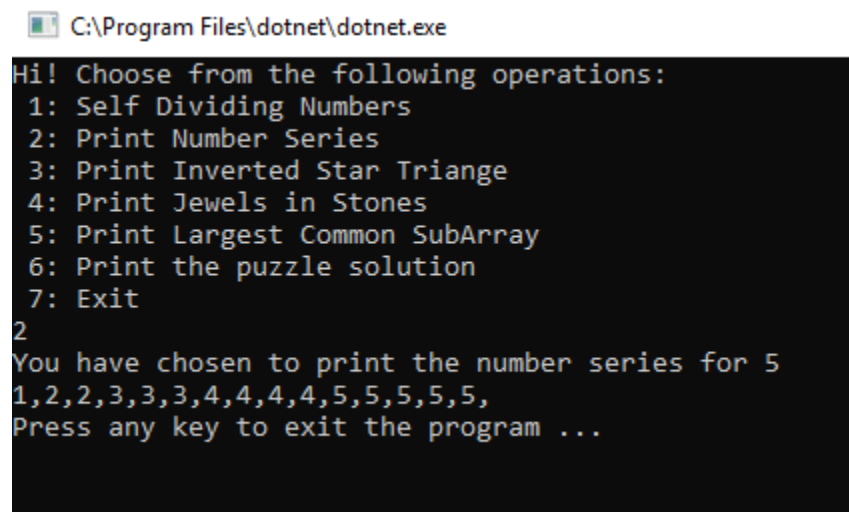
Solutions:

1. To Print self-dividing numbers:

```
C:\Program Files\dotnet\dotnet.exe

Hi! Choose from the following operations:
 1: Self Dividing Numbers
 2: Print Number Series
 3: Print Inverted Star Triange
 4: Print Jewels in Stones
 5: Print Largest Common SubArray
 6: Print the puzzle solution
 7: Exit
1
You have chosen to print self dividing numbers
1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 15, 22,

Press any key to exit the program ...
```

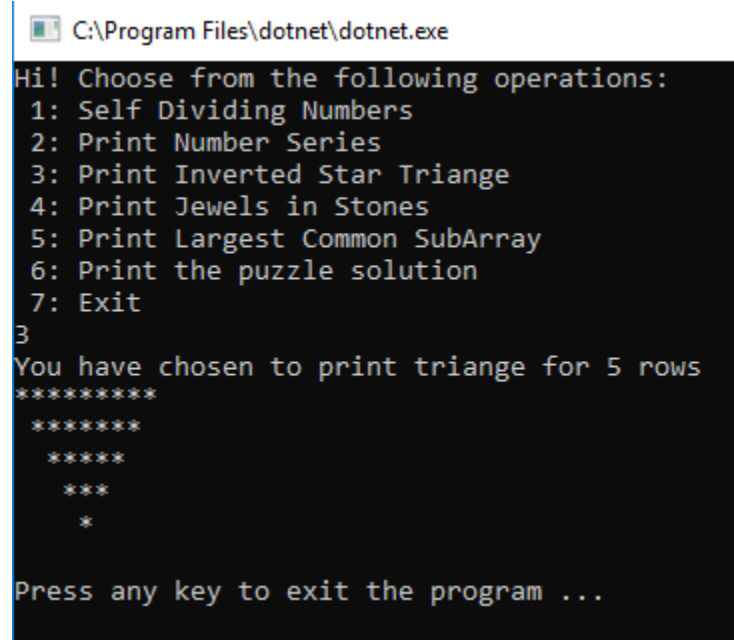2. To Print the number series:

```
C:\Program Files\dotnet\dotnet.exe

Hi! Choose from the following operations:
 1: Self Dividing Numbers
 2: Print Number Series
 3: Print Inverted Star Triange
 4: Print Jewels in Stones
 5: Print Largest Common SubArray
 6: Print the puzzle solution
 7: Exit
2
You have chosen to print the number series for 5
1,2,2,3,3,3,4,4,4,4,5,5,5,5,5,
Press any key to exit the program ...
```
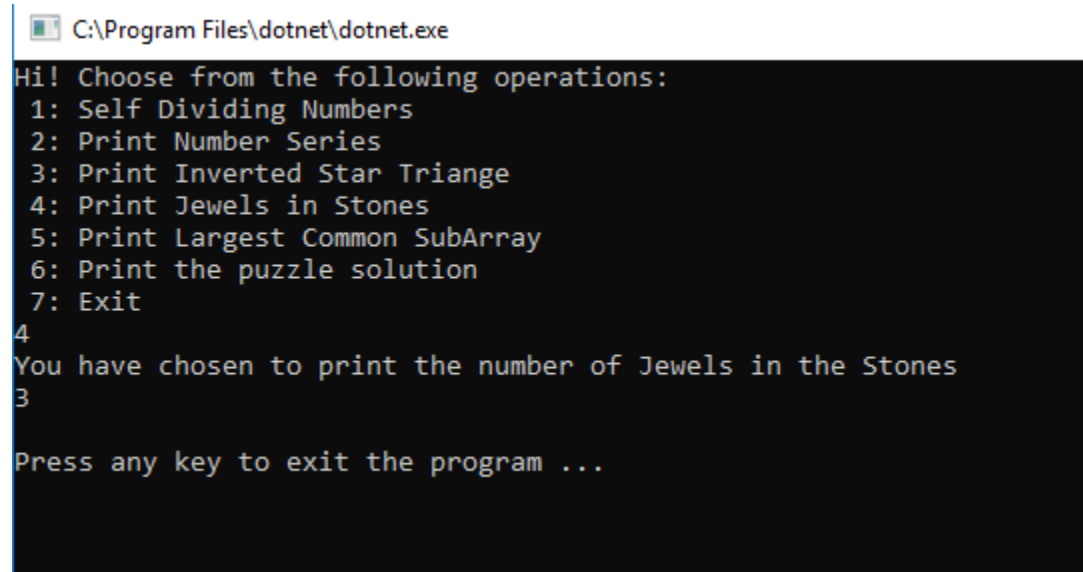
3. To Print inverted star triangle:

```
C:\Program Files\dotnet\dotnet.exe
Hi! Choose from the following operations:
 1: Self Dividing Numbers
 2: Print Number Series
 3: Print Inverted Star Triange
 4: Print Jewels in Stones
 5: Print Largest Common SubArray
 6: Print the puzzle solution
 7: Exit
3
You have chosen to print triange for 5 rows
*********
 *******
  *****
   ***
    *

Press any key to exit the program ...
```
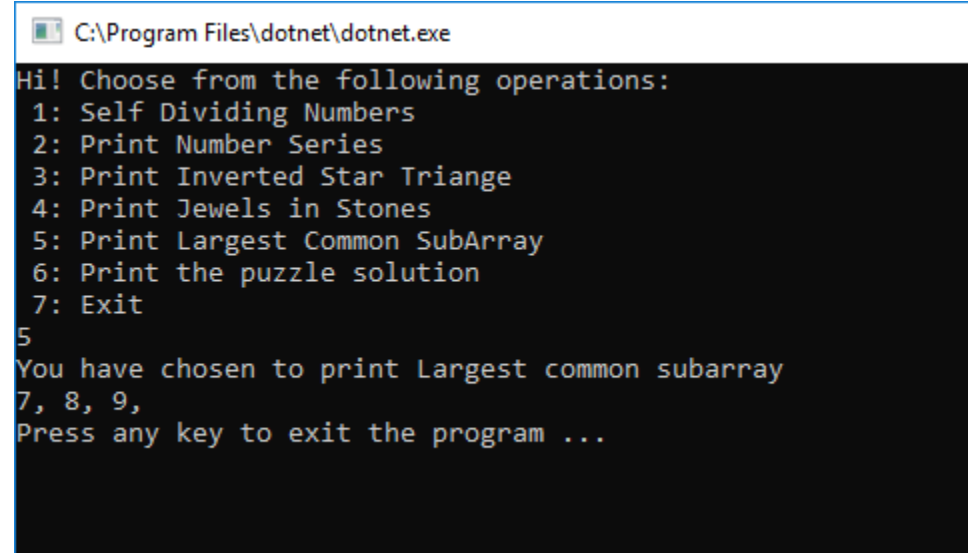
4. To print Jewels in Stones:

```
C:\Program Files\dotnet\dotnet.exe
Hi! Choose from the following operations:
 1: Self Dividing Numbers
 2: Print Number Series
 3: Print Inverted Star Triange
 4: Print Jewels in Stones
 5: Print Largest Common SubArray
 6: Print the puzzle solution
 7: Exit
4
You have chosen to print the number of Jewels in the Stones
3

Press any key to exit the program ...
```

5. To print the Largest Common Subarray:

```
C:\Program Files\dotnet\dotnet.exe

Hi! Choose from the following operations:
 1: Self Dividing Numbers
 2: Print Number Series
 3: Print Inverted Star Triange
 4: Print Jewels in Stones
 5: Print Largest Common SubArray
 6: Print the puzzle solution
 7: Exit
5
You have chosen to print Largest common subarray
7, 8, 9,
Press any key to exit the program ...
```