

Super 30 Pattern 101 :

1. Program 1 :

```
  *
 * * *
* * * * *
  * * *
    *
```

2. Program 2 :

```
* * * * *
* * * *
* * *
*
* * *
* * * *
* * * * *
```

3. Program 3 :

```
*
* *
* * *
* * * *
* * * * *
```

4. Program 4 :

```
  *
 * * *
* * * * *
```

5. Program 5 :

```
$
$ $ $
$ $ $ $ $
$ $ $ $ $ $ $
```

6. Program 6 :

input :

century input: 21

output :

		2000		
	2004	2008	2012	
2016	2020	2024	2028	2032

century input: 20

output :

		1904		
	1908	1912	1916	
1920	1924	1928	1932	1936

7. Program 7 :

			3			
		3	3	6		
	3	9	3	12	3	
15	3	18	3	21	3	24

8. Program 8 :

			#			
		#	#	*		
	#	*	#	*	#	
*	#	*	#	*	#	*

9. Program 9 :

		1		
	1	1	2	
3	5	8	13	21

34 55 89 144 233 377 610

10. Program 10 (chocolate program) :

input: 2

output :

1	4	9	16
2	6	12	20
3	8	15	24

input : 3

output :

1	5	12	22
2	7	15	26
3	9	18	30

Identify the pattern according to a given input. Set a single pattern formula that can justify any input

