

F.Y.BCA Sem –I
C.P.M. (104)

Assignment-4(Select case and nested looping)

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1. W.A.P. to input a number and find whether it is a palindrome number or automorphic number or Armstrong number. Also ask about choice from user. (Use select case statement)

2. W.A.P. to print prime numbers up to n
e.g. 1,2,3,5,7n

3. W.A.P. to print the following patterns.
(Input the limit)

1) 1	2) 5 4 3 2 1
1 2	5 4 3 2
1 2 3	5 4 3
1 2 3 4	5 4
1 2 3 4 5	5

3) 0	4) 1
1 0	1 2 1
0 1 0	1 2 3 1
1 0 1 0	1 2 3 4 1
0 1 0 1 0	1 2 3 4 5 1

5)

```
      *
     * *
    * * *
   * * * *
  * * * * *
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6)

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