DailyFlash

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Program 1: Write a Program that computes Cartesian space value of a point P(x, y) if user provides that radius and angle of that point in Polar coordinates space.

{Note: Considered 2D polar space then x & y values for Cartesian space computed as, x = r * cos (θ) & y = r * sin (θ)}

Input: Angle = 30 & Radius: 3

Output: X = 2.59 & y = 1.5

Program 2: Write a Program that prints Hexadecimal value of Each Digit from entered Number.

Input: 12

Output:

      Binary of 1: 1

      Binary of 2: 2

Program 3: Write a Program to print AP in reverse order take last Element & Common Difference from user.
{Note: Use While Loop}
Input:
      Last Element In AP: 40
      Common Difference: 8

Output: 40 32 24 16 8

Program 4: Write a Program to Print following Pattern.

```
0    1    10    11
     10   11    100
          100   101
                110
```

Program 5: Write a Program that takes a number as input from user and prints only perfect digits if it have any else prints appropriate message.
Input: 24
Output: The number 24 does not have any digit, which is perfect in nature.