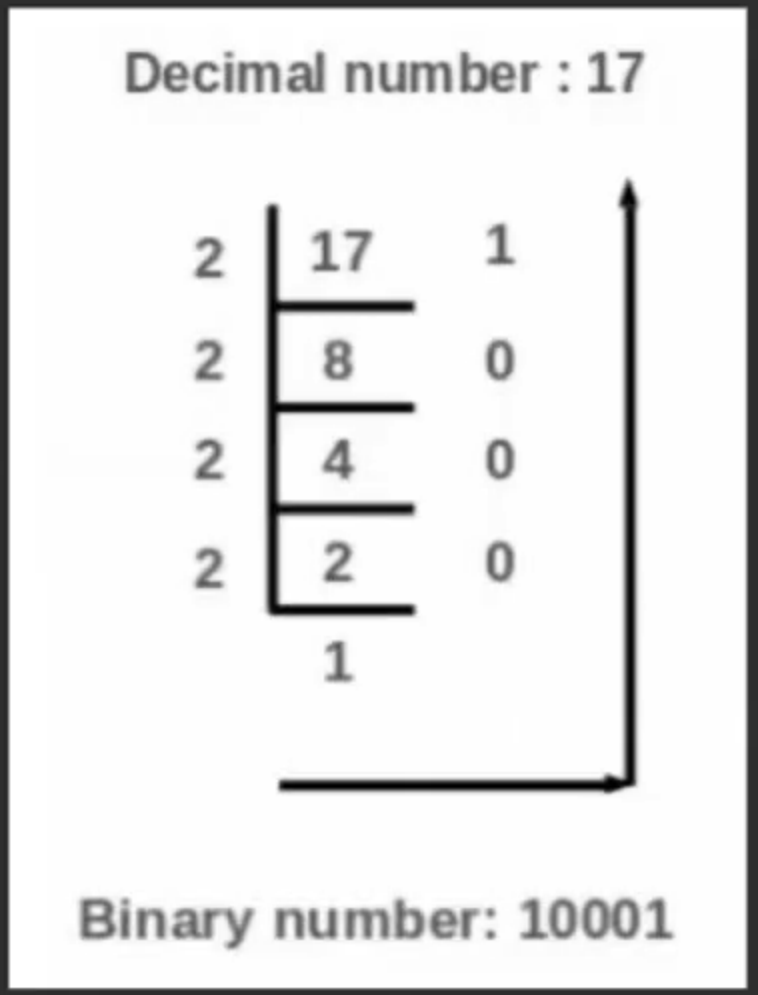
Algorithm



1. Store the remainder when the number is divided by 2 in an array.
2. Divide the number by 2
3. Repeat the above two steps until the number is greater than zero.
4. Print the array in reverse order now.

Code

```
// function to convert decimal to binary
void decToBinary(int n)
{
    // array to store binary number
    int binaryNum[32];

    // counter for binary array
    int i = 0;
    while (n > 0) {

        // storing remainder in binary array
        binaryNum[i] = n % 2;
        n = n / 2;
        i++;
    }

    // printing binary array in reverse order
    for (int j = i - 1; j >= 0; j--)
        cout << binaryNum[j];
}
```

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        cout << binaryNum[j];
}
```

Dry Run

binaryNum[] = {}
n = 17
i = 0

Thank you for watching!

Please leave us your comments.