

```
#include<stdio.h>
#include<iostream>

//형성평가 1번

void temp(int n) {
    if (n <= 0)return;
    temp(n / 2);
    std::cout << n << " ";

}
```

```
int main() {

    int a;
    std::cin >> a;
    temp(a);

    return 0;
}
```

```
#include<stdio.h>
#include<iostream>

//형성평가 2번

void temp(int n) {
    if (n <= 0)return;
    temp(n - 2);
    std::cout << n << " ";

}
```

```
int main() {

    int a;
    std::cin >> a;
    temp(a);

    return 0;
}
```

```
}
```

```
#include<stdio.h>
```

```
#include<iostream>
```

```
//형성평가 3번
```

```
int N, M, arr[101];
```

```
int SUM;
```

```
void output()
```

```
{
```

```
    int i;
```

```
    for (i = 1; i <= N; i++) {
```

```
        printf("%d ", arr[i]);
```

```
    }
```

```
    printf("\n");
```

```
}
```

```
void dice(int n) {
```

```
    int i;
```

```
    if (n > N)
```

```
    {
```

```
        if (SUM == M)
```

```
        {
```

```
            output();
```

```
        }
```

```
        return;
```

```
    }
```

```
    for ( i = 1; i <= 6; i++)
```

```
    {
```

```
        arr[n] = i;
```

```
        SUM += i;
```

```
        dice(n + 1);
```

```
        SUM -= i;
```

```
    }
```

```
}
```

```
int main() {
```

```

std::cin >> N >> M;
dice(1);

return 0;
}

```

```

#include<stdio.h>
#include<iostream>

```

```

//형성평가 4번

```

```

int arr[101] = {0, 1, 2 };
int N, M;

```

```

void num(int n) {

    arr[n] = (arr[n - 1] * arr[n - 2]) % 100;
    if (N < 3)
    {
        if (N<0)
        {
            return;
        }
        std::cout << arr[N] << std::endl;
        return;
    }

    if (n >= N)
    {
        std::cout << arr[n] << std::endl;
        return;
    }

    return num(n + 1);
}

```

```

int main() {

    int n, temp;

    std::cin >> N;

```

```

        num(3);

        return 0;
    }

#include<stdio.h>
#include<iostream>

//형성평가 5번

int arr[101] = {0, 1, 2 };
int N, M;
bool bPoint;

void num() {

    if (N % 2 == 0) bPoint = true;
    else bPoint = false;

    if (bPoint) N = N / 2;
    else N = N / 3;

    if (N <= 0) return;

    M++;

    num();

}

int main() {

    std::cin >> N;
    num();

    std::cout << M << std::endl;
    return 0;
}

#include<stdio.h>
#include<iostream>

//형성평가 6번

```

```

int MUL = 1;

void num(int n) {

    if (n <= 0)
    {
        return;
    }
    if (n % 10 != 0)
    {
        MUL *= ( n % 10);
    }

    n /= 10;
    num(n);
}

int main() {
    int num1,num2,num3;
    int mul;
    std::cin >> num1 >> num2 >> num3;

    mul = num1 * num2 * num3;
    num(mul);

    std::cout << MUL << std::endl;

    return 0;
}

```