

04

```
#include <iostream>
#include <cstdlib>
using namespace std;

int main() {
    int m;
    cin>>m;
    for(int i=1;i<(m+1);i++){
        cout<<i;
    }
    cout<<endl;
    return 0;
}
```

05

```
#include <iostream>
#include <cstdlib>
using namespace std;

int main() {
    int m;
    for(int i=1;i<4;i++){
        cin>>m;
        for(int i=1;i<(m+1);i++){
            cout<<i;
        }
        cout<<endl;
    }
    return 0;
}
```

06

```
#include <iostream>
#include <cstdlib>
using namespace std;

int main() {
    int n;
    int m;
    cin>>n;
    for(int i=1;i<(n+1);i++){
        cin>>m;
        cout<<"Case"<<i<<":";
        for(int j=1;j<(m+1);j++){
            cout<<j;
        }
        cout<<endl;
    }
}
```

```

    }
    return 0;
}

```

07

```

#include <iostream>
#include <cstdlib>
using namespace std;

int main() {
    int n;
    int m;
    cin>>n;
    for(int i=1;i<(n+1);i++){
        cin>>m;
        int sum=0;
        int r=1;
        for(int j=1;j<(m+1);j++){
            sum+=r;
            r=(r>0?(r+1):(r-1));
            r*=(-1);
        }
        cout<<sum<<endl;
    }
    return 0;
}

```

08

```

#include <iostream>
#include <cstdlib>
using namespace std;

int main() {
    int n,m,a,b,c;
    cin>>n;
    for(int i=1;i<(n+1);i++){
        cin>>m;
        switch(m){
            case 0 ... 10:
                cout<<m<<endl;
                break;
            case 11 ... 99:
                a=m/10;
                b=m%10;
                cout<<(a+b)<<endl;
                break;
            case 100 ... 999:
                a=m/100;

```

```

        b=(m%100)/10;
        c=m%10;
        cout<<(a+b+c)<<endl;
        break;
    }
}
return 0;;
}

```

09

```

#include <iostream>
#include <cstdlib>
using namespace std;

```

```

int main() {
    int n,m;
    cin>>n;
    for(int i=0;i<n;i++){
        cin>>m;x
        for(int j=m;j>0;j--){
            for(int r=0;r<j;r++){
                cout<<"*";
            }
            cout<<endl;
        }
    }
    return 0;
}

```

10

```

#include <iostream>
#include <cstdlib>
using namespace std;

```

```

int main() {
    int n,m,a;
    cin>>n;
    for(int i=0;i<n;i++){
        cin>>m;
        a=0;
        for(int j=m;j>0;j--){
            if(m%j==0){
                a+=1;
            }
        }
        if(a>2 || a==1 ){
            cout<<"No"<<endl;
        }
    }
}

```

```
    else
        cout<<"Yes"<<endl;
    }
    return 0;
}
```