

<Example 1>

```
input: A[n]
#include<stdio.h>
int i, j, sum = 0;
for (i = 0; i < n; i++)
{
    for (j = 0; j < n; j++)
    {
        sum += (A[i] * A[j]) % n;
    }
}
```

<Example 2>

```
input: A[n]
#include<stdio.h>
int i, j, k, sum = 0;
for (i = 0; i < n; i++)
{
    for (j = 0; j < n; j++)
    {
        for (k = 0; k < n; k++)
        {
            sum += (A[i] + A[j]) * A[k];
        }
    }
}
```

<Example 3>

```
input: A[n]
#include<stdio.h>
int i, j, k, sum = 0;
for (i = 0; i < n; i++)
{
    for (j = i; j < n; j++)
    {
        for (k = i; k < j; k++)
            sum += (A[i] + A[j]) * A[k];
    }
}
```

<Example 4>

```
input: A[n]
#include<stdio.h>
int i, j, k, l, sum = 0;
for (i = 0; i < 9; i++)
{
    for (j = 0; j < 9; j++)
    {
        for (k = 0; k < 9; k++)
        {
            for (l = 0; l < 9; l++)
            {
                sum += A[n-1];
            }
        }
    }
}
```

<Example 5>

```
input: A[n]
#include<math.h>
int i, j , sum = 0;
for (i = 0; i < n; i++)
{
    for (j = 0; j < n; j++)
    {
        sum += pow(2, j)
    }
}
```