

**LAPORAN PRAKTIKUM  
ALGORITMA DAN PEMROGRAMAN  
MODUL 5**

**STRUKTUR KONTROL PERULANGAN (*LOOPING*)**



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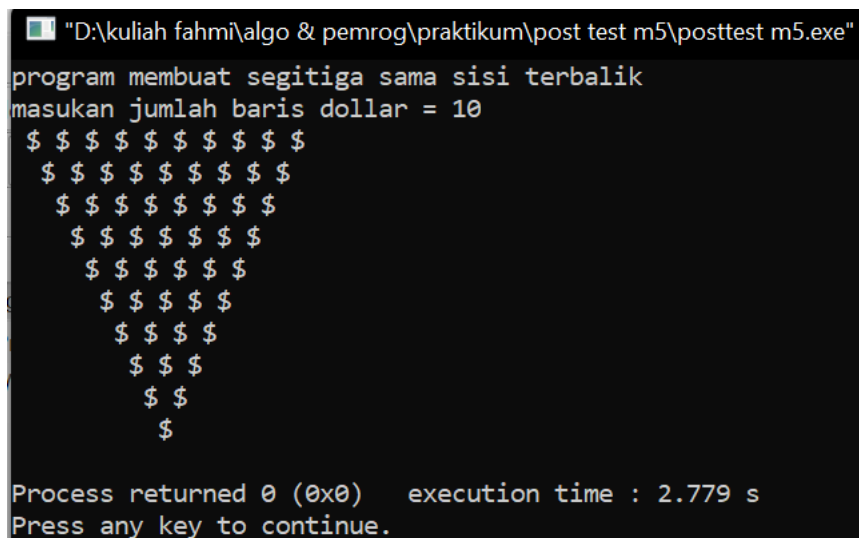
## ANALISIS PROSES PROGRAM BERJALAN

### 1. POSTTEST

```
#include <iostream>
using namespace std;
int main(){

    int n, i, j, s;
    cout<<"program membuat segitiga sama sisi terbalik\n";
    cout<<"masukan jumlah baris dollar = ";
    cin>>n;
    for (i = 1; i <=n; i++)

    {
        for (j = 1; j <= i; j++)
            cout<<" ";
        for (s = 0; s >= (i - n); s--)
            cout<<"$ ";
        cout<<"\n";
    }
}
```



```
"D:\kuliah fahmi\algo & pemrog\praktikum\post test m5\posttest m5.exe"
program membuat segitiga sama sisi terbalik
masukan jumlah baris dollar = 10
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Process returned 0 (0x0)   execution time : 2.779 s
Press any key to continue.
```

## 2. POSTTEST

```
#include <iostream>

using namespace std;

int main()
{
    cout << "Program Membuat BujurSangkar " << endl;

    int bujursangkar,i,j;

    cout << "Masukan jumlah karakter = ";
    cin >> bujursangkar;

    cout << endl;

    for(i=1;i<=bujursangkar;i++) {
        for(j=1;j<=bujursangkar;j++) {
            cout << " @";
        }
        cout << endl;
    }

    return 0;
}
```



```
"D:\kuliah fahmi\algo & pemrog\praktikum\post test m5\posttest m5 no.02.exe"
Program Membuat BujurSangkar
Masukan jumlah karakter = 10

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Process returned 0 (0x0)   execution time : 2.180 s
Press any key to continue.
```