**Pattern Programs in C++**

## Simple C++ Program for Print Left Triangle Pattern

// Header Files

#include <iostream>

#include<conio.h>

using namespace std;

int main() {

// Declare Variables

int rows, i, j;

cout << "Simple C++ Example Program for Print Left Triangle Pattern\n";

//Read Day Value

cout << "Enter the number of rows : ";

cin>>rows;

//Print Left Triangle Pattern

for (i = 1; i <= rows; i++) {

for (j = 1; j <= i; j++) {

cout << "\* ";

}

cout << "\n";

}

getch();

return 0;

}

## Sample Output

Enter the number of rows : 7

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## Simple C++ Program for Print Inverted Left Triangle Pattern

// Header Files

#include <iostream>

#include<conio.h>

using namespace std;

int main() {

// Declare Variables

int rows, i, j;

cout << "Simple C++ Program for Print Inverted Left Triangle Pattern\n";

//Read Day Value

cout << "Enter the number of rows : ";

cin>>rows;

//Print Inverted Left Triangle Pattern

for (i = rows; i > 0; i--) {

for (j = 0; j < i; j++) {

cout << "\* ";

}

cout << "\n";

}

getch();

return 0;

}

## Sample Output

Enter the number of rows : 7

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## Simple C++ Program for Print Triangle Pattern

// Header Files

#include <iostream>

#include<conio.h>

using namespace std;

int main() {

// Declare Variables

int rows, i, j;

cout << "Simple C++ Program for Print Triangle Pattern\n";

//Read Day Value

cout << "Enter the number of rows : ";

cin>>rows;

//Print Triangle Pattern

for (i = 0; i < rows; i++) {

for (j = rows; j > i; j--) {

cout << " ";

}

for (int k = 1; k <= i + 1; k++) {

cout << " \* ";

}

cout << "\n";

}

getch();

return 0;

}

## Sample Output

Enter the number of rows : 8

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