1.

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#include<iostream>

using namespace std;

int main(){

int noOfRows;

cout<<"enter the number of rows: "<<endl;

cin>>noOfRows;

for(int rowNo = 0; rowNo< noOfRows; rowNo++){

for(int astericks = 0; astericks < rowNo; astericks++){

cout<<"\*";

}

cout<<endl;

}

return 0;

}

2.

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#include<iostream>

using namespace std;

int main(){

int noOfRows;

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

cin>>noOfRows;

for(int rowNo = 1; rowNo<=noOfRows; rowNo++){

for(int astericks = noOfRows; astericks >= rowNo; astericks–){

cout<<"\*";

}

cout<<endl;

}

return 0;

}

3.

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#include<iostream>

using namespace std;

int main(){

int totalRows;

cout<<"enter total number of rows: ";

cin>>totalRows;

for(int rowNo = 1; rowNo<=totalRows; rowNo++){

for(int gap = 1; gap<=totalRows-rowNo; gap++){

cout<<" ";

}

for(int astericks = 1; astericks <= rowNo; astericks++){

cout<<"\*";

}

cout<<endl;

}

return 0;

}

4.

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#include<iostream>

using namespace std;

int main(){

int totalRows;

cout<<"enter the total no of rows: ";

cin>>totalRows;

for(int rowNo = 1; rowNo <= totalRows; rowNo++){

for(int gap = 0; gap<rowNo-1; gap++){

cout<<" ";

}

for(int astericks = totalRows; astericks>=rowNo; astericks--){

cout<<"\*";

}

cout<<endl;

}

return 0;

}

5.

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#include<iostream>

using namespace std;

int main(){

int totalRows;

cout<<"enter the total no of rows: ";

cin>>totalRows;

for(int rowNo = 1; rowNo <= totalRows; rowNo++){

for(int gap = 0; gap<rowNo-1; gap++){

cout<<" ";

}

for(int astericks = (totalRows\*2)-1; astericks>=(rowNo\*2)-1; astericks--){

cout<<"\*";

}

cout<<endl;

}

return 0;

}

6.

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#include<iostream>

using namespace std;

int main(){

int totalRows;

cout<<"enter the total no of rows: ";

cin>>totalRows;

for(int rowNo = 1; rowNo <= totalRows; rowNo++){

for(int spaces = 0; spaces < totalRows - rowNo; spaces++){

cout<<" ";

}

for(int asterisks = 1; asterisks<=(rowNo\*2)-1; asterisks++){

cout<<"\*";

}

cout<<endl;

}

return 0;

}

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