IT206 Assignment 1

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Topic: Pascal Triangle

Q1. Pascal Triangle program and its output.

```
main.cpp X
    1
         #include<bits/stdc++.h>
          using namespace std;
       int pascEle(int r,int c)
       ₽{
    4
    5
              if(r>=0 && (c==0||c==r))
                  return 1;
    8
    9
              else{
   10
              return pascEle(r-1,c)+pascEle(r-1,c-1);
   11
   12
   13
         int main()
   14
        ₽{
   15
              int i,j,n;
   16
              cin>>n;
   17
              for(i=0;i<n;i++)
   18
   19
                  for(j=0;j<=(n-i-1);j++)
   20
   21
                      printf(" ");
   22
   23
                  for(j=0;j<=i;j++)
   24
                      printf("%6d ",pascEle(i,j));
   25
   26
   27
                  printf("\n");
   28
   29
   30
```

Q2. Pascal Triangle Pseudo Code.

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Q2	Write pseudo code to print Pascal's Triangle.
	b A GOLD
Ans:	
	input n all input n
	for i ← o to n-1 do
	for j < 0 to n-i-1 do
	print " (") storeng town
	for je o to i do
	print pascEle(i,j)
	paint "\n"
	Lunchian Control (100)
	function pascEle (2, c) if r>=0 and (c=0 or c=2) then
	return 1
	relie (or (or) or (or
	return pascfle(x-1,c) + pascfle(x-1,c-1)
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