

Day#5-12march

1. <https://practice.geeksforgeeks.org/problems/minimize-the-heights3351/1>
2. <https://www.baeldung.com/java-string-immutable>

Theory Ques-pending

3. <https://practice.geeksforgeeks.org/problems/count-squares3649/1>

```
class Solution {
```

```
    static int countSquares(int N) {
```

```
        // code here
```

```
        int c=0;
```

```
        for(int i=1;i*i<=N;i++)
```

```
        {
```

```
            if(i*i<N)c++;
```

```
        }
```

```
        return c;
```

```
    }
```

```
};
```

4. <https://www.geeksforgeeks.org/find-first-node-of-loop-in-a-linked-list/>

5. <https://www.geeksforgeeks.org/a-program-to-check-if-strings-are-rotations-of-each-other/>

```
#include<iostream>
```

```
#include<bits/stdc++.h>
```

```
using namespace std;
```

```
bool check(string s,string k)
```

```
{
```

```
    if (s.length()!=k.length())
```

```
        return false;
```

```
    string temp = s+s;
```

```
    return (temp.find(k) != string::npos);
```

```
}
```

```
int main()
```

```
{
```

```

string str,k;
cin>>str;
cin>>k;
if(check(str,k))cout<<"Yes";
else
cout<<"No";
}

```

6. <https://practice.geeksforgeeks.org/problems/number-pattern0517/1>

```

vector<string> numberPattern(int N)

```

```

{
    // Write Your Code here

```

```

    int c=0;char ch;
    vector<string>v;
    int res;

```

```

string s;
for(int i=1;i<=N;i++)
{
    int j=0;s="";
    for( j=1;j<=i;j++)
    {
        c=j;
        string temp;
        stringstream ss;
        ss<<j;
        ss>>temp;
        s+=temp;
    }
}

```

```

        for(int k=i-1;k>=1;k--)
        { c=k; string temp;
        stringstream ss;

        ss<<c;

        ss>>temp;

        s+=temp;

        }

```

```

        v.push_back(s);
    }
    return v;

}

```

7. <https://www.geeksforgeeks.org/programs-printing-pyramid-patterns-c/>

```

public class Day_1 {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here

        int n=5;
        for(int i=1;i<=n;i++)
        {
            for(int j=1;j<=i;j++)
                System.out.print("* ");System.out.println();
        }
    }
}

```

```
}
```

8. <https://www.geeksforgeeks.org/programs-printing-pyramid-patterns-c/>

```
public class Day_1 {  
  
    /**  
     * @param args the command line arguments  
     */  
    public static void main(String[] args) {  
        // TODO code application logic here  
  
        int n=5;  
        for(int i=1;i<=n;i++)  
        {  
            for(int k=1;k<=n-i;k++)System.out.print(" ");  
  
            for(int j=1;j<=i;j++)  
                System.out.print(" * ");System.out.println();  
        }  
    }  
}
```