Substring: -> It is continuous part of string. String sto: "Example", Possible substrings 3 DEMe Ptx, le, Exq ple [Xam , xam , ×9 amp xamp , mb Example (6) xample xample ample Substring () -> Return type is String substring (int begin Index) > starting from begin thex to last Index substroing (int begin Inden, int end Index) L) starting from begininder to before end Index Strong str: "ab cdef"; String stor= sto-substring (2);

S.o.pln (sto2)

Output

Cdef

Stoing sto3: sto.substoing (1,2);

stoing (tot83)

Stoing stos.
S.o. Plm (stos)

Output

(

Point all substring of astring String Str = "Jay", Possible Substrings are: J, 9, y, Ja, ay, Jay -> Jay Str. substring (0,1) >J 0, 1403 Sto. Substring (0,2) > Ja Sto-Substring (0,3) > Jay 2 1,2603 Str.Substring(1,2) > QStr. substring (1,3) > ay 3 2, 3to3 Sto. substring (2,3) > y (= 1 120 J:1+03 J:2+03 J=3+03 j-2 J'=(i+1)to str.length() j=(i+1) to str.length() j=1/4 )/to str. 1 englus)

for (int i=0; ixstr.length(); i+t) {

for (int j=i+1; jx=str.length(); j+t) {

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for (int j=1+1, J<-5+8.1erg1n., j);

S-o-plant str. substring (i, j);

}

## Sum of all substring

## Language: Java 8

```
1 import java.io.*;
2 import java.util.*;
4 public class Solution {
5
6
       public static void main(String[] args) {
7
           /* Enter your code here. Read input from STDIN. Print output
           Scanner sc = new Scanner(System.in);
8
9
           String str = sc.next();
10
           int sum =0;
           for(int i=0;i<str.length();i++){</pre>
11
               for(int j=i+1;j<=str.length();j++){</pre>
12
13
                    sum+= Integer.parseInt(str.substring(i,j));
14
               }
15
           }
16
           System.out.println(sum);
17
       }
18 }
```

```
14 December 2024 22:24
```

## Desired String

```
Sitoing str: "ABADA";
  (0,1) (0,1) (0,2) (0,3) (0,3) (0,3) (0,3) (0,3) (0,3) (0,3)
 \times AB(0,2) BA(1,3) AD(2,4) DA(3,5)
V ABA(0,3) BAD(1,4) VADA(2,5)
ABAD(0,4)
BADA(1,5)

> Str. CharAt(0)->A
      str. substring (0,3)
   str. substring (0,5)
int count=0, int manlength=Integer. MIN-VALUE; string mansals: "";
  for (int i=0; (< n; (++) ]
     { (Sfr. charAt (i) = = 'A') {
  for (int ]= (+1; j<=n;j++) {
     if(str.charAt(j:)=='A' & J-1!= ") {
       Count ++;
     String subs = str. substring (i,j),
      of (subs.length()> maxLength) }
        maxLength: Subs.length();
       maxsubs = subs;
```

```
S.o.p/n(count);
S.o.p/n(manlength);
S.o.p/n(mansubs);
```