```
# include ~ iastruam >
         # include < bits/stale ++.h>
         using marrispace std;
        11 To remove outer parantheses:
         String removelOuterParentheses (String 8) }
                  int Cnt = 0.

Strong t = || || ||

for (int i = 0, i \ge 8. length (); i + +)

if (8 \ \text{Li}] = = || || ||
                             Cnt --;
                          if ( Ent !=0) }
                              t. push_back (SIi]);
                           if ( BI: ] == '(') }
                               Cnt + +;
                    return to
        11 To reverse word
         String reverse Word (string 81)}
           String nes;
            int n = 81. leng th ()
VISION
```

```
while (i < n = 81 [i] = = 1 +) }
                              if (i >= n)}
                                     break;
                               ent j= i+1;
while ( j= n & & 81 [j]!= ' ')}
                               String Sub = 81. Substr (i, j-i);
if (rss. length () = = 0){

res = 8ub;

} eke {
                                   nes = Sub + " " + res.
                         [=j+1;
                       return rus;
           Il To find largest odd number in a string
           String largerte dd Number (String Num) }

for (int i = \text{num.length}() - 1 \cdot i > = 0 \cdot i - )}

if ((num \text{LiI-} \cdot 0!) % 2 \cdot ! = 0) }

return num. Sub \text{Str}(0, i + 1),
                        return v "
Vision
```

	11 To check of the string is Isomorphic
	bool is I somarphic (string 82, string t)? char n [128] = } }.
	$ \begin{cases} \text{for (int } i = 0; i < 82. \text{ length (); } i+1) \\ \text{char } C = 82 \text{ Li I;} \end{cases} $
	- Chest
	$\frac{90n (\text{chor } 82:n)}{if (82 = t \text{ LiJ})} $
•	return false;
	3
	n Icj = t Iij. J else if (n IcJ!= t Iij) 2 return false;
	2 return false;
	}
	return true;
•	11 To eonvert Roman to integer
	int nomantaInt (string 84) {
	map < char, int > rom. nom. insort (make pair ("I', 1)). nom. insort (make pair ("V', 5)). nom. insort (make pair ("X', 10)); nom. insort (make pair ("L', 50)); nom. insort (make pair ("C', 100));
	nominant (make pair ('V', 5)).
	non insert (make pour ('X', 10));
	nom insert (make pair ('C', 100))
	nom insert (make pair ('b', 500)). nom insert (make pair ('or', 1000)).
vision	The contract of the contract o

	int n = 84. length (), num, sum = 0.
	for (int i - 0: i < n;)}
	if (i = = (n-1) 11 (nom I sy [i]] >= nom [sy [i+1]])
	num = nom [sy [i]].
	Selse 3
	num = nom [84 [i+1]] - nom [84 [i]];
6	7 1+2.
0	
	Sum += num.
	neturn sum:
	f record
	11 to fond substring
	love love upto (etrino 87 1+ 4))
	long long upto (string 83, int n)? int L=0, 91=0, ent=0.
•	long long res = 0;
Will be the same	vector < int > mp (26,0).
	while (n × 83. length ()) {
	mp I sathr J - 'a' J + + 190k -
	cature
	$\frac{if (mpT 83T7J - 'a'J = = 1)}{cnt + 4}$
	2 ent ++;
	while (cut > n)}
vision	1 mp L 35 LLJ - a J 0) [

neturn nes; long long int substrCount (string 83, int x)?

2 return upto (83, N) - upto (83, K-1); Vision