```
Test = AABAACAADAARAA BABC
     pattern = AABA"
Name: Ayurte Kotnala
Section ML
Roll no: 23
 Hash for Rabin Karp
 # molude < wstram >
 # include < string >
 using namespace told:
 const int $=31; 11 prime no.
const unt m = le9 + 9; Il large frime no.
 int valin-Ramp-hash ( const String 8)
       long long hash value = 0;
      long long p-power = 1;
for (char c: 8) {
            hash_value = (hash_value + (c-a'+1) *p-pomer)
                                                  o/0 m;
            p-power = (p-power *p)) m;
     return hash-value;
int main ()}
       Strong str = "hello".
      could << "Huch of " << str << ": " < rabin-Ramp-hach
           (str) << endl;
      return 0;
```

Text = ABGCDBAEFG pattern = CDD let's assign a numerical value ABCDEFG 1234567 h(n) = Mash value of -lext = C+D+D