DHOUNDIYAL NAME: AKSHITA SECTION: ML You No: 11 # Hash Function For Rabin Karp: # include Liosteream) # include L steing) Using nameskace std; Comet int p = 31; comet int m = leq + 9; int rabin-Karp-hash (const Strings) long long hash-value = 0; long long p-power = 1; for (charc:s) hash-value = Chash-value + (c- 6a9+1) * p-power) % m; (p-power * p) /m; p-power = enturn hash-value;

```
String Str = 66 hello";
  Cout LL 66 Hash of "LL Str LL 66: "LL rabin- Kent - hash
       (Str) 11 endl;
   letun 0%
Example:
Tent = ABCCDD, AEFG
 pattern = CDD
  let assign a numeric value
      h(x) = Hash value of text = C+D+D
                           = 11
```