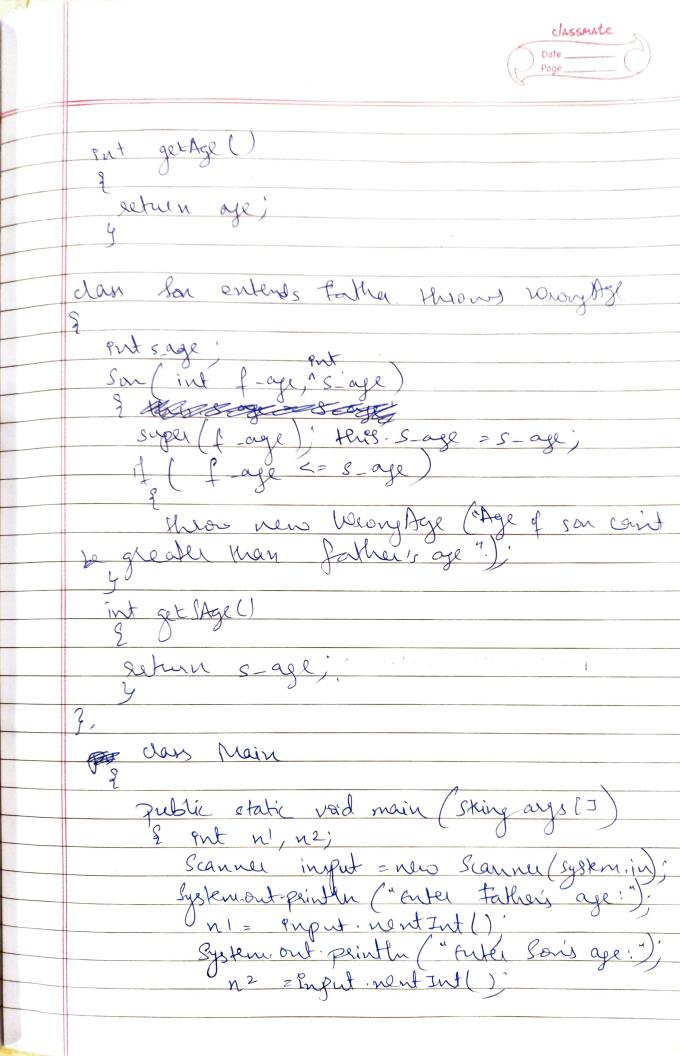
LAB 6 Rogiani 7 B NAP that femonstrates handling of excepting of excepting of she father as save done tather and derived dass called "Bon" which entered has base class for tather class a construction which takes the age of theory the enepten Dear Age() when empt age < D. In Sur day suplement a various of that cases som father from age of theavan enception if says age is == fathery age Import java wit. \*; dar weartige entends Encephin sking mersage;

pulic bling fige (String may) System out printly (msg) class Father thions Weary Age Intage:

takie ( Rut fage) be len than zero"). De ong Age ("Age cant



toys

Father obj = new son (m)

Son obj = new son (m) Agr Je system. out. Reintlu ("caught") System. out grindle (\* tarreis age is: +

objl. gettre());

system. out ; sintle (\* Son's age #: +

obj2. getstre()); 1 tak Enter talkers age: 0 Enter son age:10 Caught can't be younger than son OV TPUT Enter taken agg: 40 Enter Sans agg: 20

propan of which creates two threads are thread deplaying "BMS coneys Engineering" once every ten selected of another displaying "cie" aley more every a seconds.

Inport java util. "

class Threads entends Thread Public void sun () & while (ture) Engineering "); rinten (" BMS college of try & Thread sleep (10000); satch (Interrupted Engageion e) 3 System. out Plintly ("Chught"); class Thread 2 entends Thread Public void Run() & volide (kne) & System, out pointly ("CSt"); Thread: sleep (2000); catch (Interrupted Enception e)

System out paintle (" caught"); public static void main (string args) Thread 1 t1 = new mead 1(); Thread 2 t2 = new mead 2(); tr. Start(); +2. start(); Output: CSE BMs college of Engineering CSE CSE CSE CSE BMJCE BMC (-BMSCE BMSCE

Algorithm for 97. step 2: Create a dans wrong Age entending Enception prints a String meg. Step 3: class create class tarther throws e neg foar Wrong Age create ar constructor if fage < 0 then throw enception create dass son which entends taker theors enception brong Age weak a parameteized constructed if Efage = S-age then the on enception Weangage Step 5: create a doss Main. Input nos variables n1, n2. In try block creale an object obj2 for class son cath & wearfix enuption. Step 6: Stop >

Agorihm for program 8: create a class Thread entending Step 1: start Step 2: create Thread. In the method sun Step 3º. while (rue)
Print BMS College of Engineering
Let the thread solver for precondy. end of while.

catch & snterright trueption and

clep 4: peint caught. Step 54; create a dans Thread 2 entending Thread. In the method run while (the) print CSE let the thread sleep for 2 secondy end of while. catch any Interrupted Enception and Step 6: create a clas Main create a thread El for days Thread create a thread to for days meal 2. sturt t1. Stop. Step 7: Stop. Stalt t2.

```
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>javac Main.java
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>java Main
Enter Fathers age
0
Enter Sons age
10
Father cant be younger than son
Caught
Name:Adikar Charvi USN:1BM22CS012
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>javac Main.java
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>java Main
Enter Fathers age
-25
Enter Sons age
12
Age cant be less than 0
Caught
Name:Adikar Charvi USN:1BM22CS012
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>javac Main.java
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>java Main
Enter Fathers age
20
Enter Sons age
12
Name:Adikar Charvi USN:1BM22CS012
```

```
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>javac TDemo.java
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>java TDemo
Name:Adikar Charvi USN:1BM22CS012
SE
BMS College of Engineering
CSE
SE
SE
CSE
BMS College of Engineering
CSE
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering
BMS College of Engineering
C:\Users\BMSCE\Desktop\1BM22CS012\lab7,8>
```