WEEK 8:

Write a program which creates two threads, one thread displaying "BMS College of Engineering" once every ten seconds and another displaying "CSE" once every two seconds.

Source Code:

```
class ThreadDemo extends Thread{
    public void run(){
    while(true){
    System.out.println("BMS College Of Engineering");
    Thread.sleep(10000);
    catch(InterruptedException e){
    e.printStackTrace();
class CSEThread extends Thread{
    public void run(){
   while(true){
    System.out.println("CSE");
    try{
    Thread.sleep(2000);
    catch(InterruptedException e){
    e.printStackTrace();
public class Demo{
   public static void main(String[] args){
    ThreadDemo t1 = new ThreadDemo();
   CSEThread t2 = new CSEThread();
    t1.start();
    t2.start();
```

Output:

```
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
BMS College Of Engineering
CSE
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CSE
BMS College Of Engineering
CSE
CSE
CSE
CSE
CSE
```

Written code and output:

```
write a program that demonstrates handling of exception in
peritance tree. create a base class called "father" and derived
class scalled "son" which extends the base class. In Father day
implement a constructor which takes the age and throws the
exception wrong aget) when the input age to . In son day, implement
a constructor that we both bather and con's age and throws
an exception it son's age is > = bather's age.
class Wronge Age Exception extends Exception & many and
  public wronginge Exception Ostring musage 1 ?
class Invalidson age Exception extends Exceptions
  public Invalids on Age Exception (string mexage) if many harmone
         Super (mexage);
day Father &
  int age;
   public Father (int age) throws wrong max Exception?
       if (age LD)s
           throw new Wrong Age Esception (" Fathers's age : cannot be new
       this age age;
class son extends fathers
   int son Age:
  public sontint lage, intrage throws
  Wrong Age Exception, Invalid son Age Exceptions
      super (fage) i
        throw new wrong Age Exception ("son's age connot be regitives);
     if (sage xo)?
      1
    $
```

