/\*thread normal program with sleep() method\*/

class A

{

public static void main(String args[])

{

B b = new B();

C c = new C();

b.start();

c.start();

}

}

class B extends Thread

{

public void run()

{

try

{

for(int i=0;i<10;i++)

{

sleep(500);

System.out.println("B"+i);

}

}catch(Exception e){}

}

}

class C extends Thread

{

public void run()

{

try

{

for(int i=0;i<10;i++)

{

sleep(1000);

System.out.println("C"+i);

}

}catch(Exception e){}

}

}

/\*thread program with join method\*/

class A

{

public static void main(String args[]) throws Exception

{

B b = new B();

C c = new C();

b.start();

b.join();

c.start();

}

}

class B extends Thread

{

public void run()

{

try

{

for(int i=0;i<10;i++)

{

sleep(500);

System.out.println("B"+i);

}

}catch(Exception e){}

}

}

class C extends Thread

{

public void run()

{

try

{

for(int i=0;i<10;i++)

{

sleep(1000);

System.out.println("C"+i);

}

}catch(Exception e){}

}

}

/\*thread program use of synchronized method\*/

class A

{

public static void main(String args[])

{

new B().start();

new C().start();

}

}

class D

{

synchronized static void print(int n)

{

try

{

Thread.sleep(500);

}catch(Exception e){}

for(int i=1;i<=10;i++)

System.out.println(n\*i);

}

}

class C extends Thread

{

public void run()

{

D.print(3);

}

}

class B extends Thread

{

public void run()

{

D.print(5);

}

}

/\*Daemon thread program\*/

class A

{

public static void main(String args[])

{

for(int i=1;i<=5;i++)

{

System.out.println("A"+i);

}

B b = new B();

b.setDaemon(true);

b.start();

}

}

class B extends Thread

{

public void run()

{

for(int i=1;i<=5;i++)

{

System.out.println("B"+i);

try

{

sleep(500);

}catch(Exception e){}

}

}

}