Started on	Tuesday, 21 November 2023, 8:00 PM
State	Finished
Completed on	Tuesday, 21 November 2023, 8:10 PM
Time taken	9 mins 40 secs
Grade	**9.75** out of 10.00 (**98**%)

Diketahui Dua Buah Kelas sebagai berikut :

```java
class ThreadBaru implements  Runnable  ✔  {
   String name; // name of thread
    Thread  ✔  t;

   ThreadBaru(String threadname) {
      name = threadname;
      t = new Thread(this, name);
      System.out.println("New thread: " + t);
      t.  start  ✔  (); // Start the thread
   }

   public void run() {
      try {
         for (int i = 5; i > 0; i--) {
            System.out.println(name + ": " + i);
            Thread.sleep(1000);
         }
      } catch (InterruptedException e) {
         System.out.println(name + "Interrupted");
      }
      System.out.println(name + " exiting.");
   }
}

class CobaMultiThread {
   public static void main(String args[]) {
      new ThreadBaru("One"); // start threads
      new ThreadBaru("Two");
      new ThreadBaru("Three");
      try {
         Thread.sleep(10000);
      } catch (InterruptedException e) {
         System.out.println("Main thread Interrupted");
      }
      System.out.println("Main thread  exiting.  ✔  ");
   }
}
```

Lengkapi kode diatas sehingga apabila kelas dengan method main dijalankan, akan menghasilkan luaran sebagai berikut :

New thread: Thread[One,5,main]

New thread: Thread[Two,5,main]

New thread: Thread[Three,5,main]

Three: 5

One: 5

Two: 5

Three: 4

Two: 4

One: 4

Three: 3

One: 3

Two: 3

Three: 2

One: 2

Two: 2

Three: 1

One: 1

Two: 1

Two exiting.

Three exiting.

One exiting.

Main thread exiting.

| runnable | | thread | String | startThread | | exiting |

| Runable |

```java
    public void run() {
        try {
            for (int i = 5; i > 0; i--) {
                System.out.println(name + ": " + i);
                Thread.sleep(1000);
            }
        } catch (InterruptedException e) {
            System.out.println(name + "Interrupted");
        }
        System.out.println(name + " exiting.");
    }
}

class CobaMultiThread {
    public static void main(String args[]) {
        new ThreadBaru("One"); // start threads
        new ThreadBaru("Two");
        new ThreadBaru("Three");
        try {
            Thread.sleep(10000);
        } catch (InterruptedException e) {
            System.out.println("Main thread Interrupted");
        }
        System.out.println("Main thread [exiting.]");
    }
}
```

Lengkapi kode diatas sehingga apabila kelas dengan method main dijalankan, akan menghasilkan luaran sebagai berikut :

New thread: Thread[One,5,main]

New thread: Thread[Two,5,main]

New thread: Thread[Three,5,main]

Three: 5

One: 5

Two: 5

Three: 4

Two: 4

One: 4

Three: 3

One: 3

Two: 3

Three: 2

One: 2

Two: 2

Question **2**

Correct

Mark 1.00 out of 1.00

A class that implements an interface must implement all methods declared in the interface.

Select one:

◉ True ✔

◯ False

The correct answer is 'True'.

Question **3**

Correct

Mark 1.00 out of 1.00

Terdapat dua cara untuk membuat sebuah Thread baru. Cara pertama yaitu dengan extends ..... dan cara kedua yaitu dengan implements interface .....

☐ a.   thread

☐ b.   runnable

☑ c.   Runnable   ✔

☑ d.   Thread   ✔

☐ e.   object

Your answer is correct.

The correct answers are: Runnable,
Thread

Sebuah program dijalankan dengan multi threading memiliki keuntungan akan tampak kompleks dan memiliki waktu respon user yang lambat.

Select one:

○ True

◉ False ✔

The correct answer is 'False'.

ada banyak jenis driver yang bisa digunakan dalam mengkoneksikan database dalam java. Manakah dibawah ini yang merupakan driver yang dapat digunakan untuk mengkoneksikan database.

☐ org.mysql.jdbc.Driver

☑ org.postgresql.Driver ✔

☐ org.gjt.mm.mysql.Driver

☑ sun.jdbc.odbc.jdbcOdbcDriver ✔

☑ oracle.jdbc.driver.OracleDriver ✔

Your answer is partially correct.

You have correctly selected 3.
The correct answers are:

sun.jdbc.odbc.jdbcOdbcDriver,

oracle.jdbc.driver.OracleDriver,

org.gjt.mm.mysql.Driver,

org.postgresql.Driver

Question **6**

Correct

Mark 1.00 out of 1.00

Proses eksekusi dari beberapa thread dalam program, di mana thread-thread tersebut dapat berjalan secara bersamaan, disebut ...

Answer: | Multithreading | ✔

The correct answer is: multithreading

Question **7**

Correct

Mark 1.00 out of 1.00

Tahapan-tahapan mengkoneksikan Java dengan MySQL

- ○ a. Import package java.sql.*, buat sebuah koneksi, masukan Query, matikan koneksi
- ◉ b. Import package java.sql.*, pilih driver yang digunakan, buat sebuah koneksi, eksekusi sebuah Querry   ✔
- ○ c. Import package java.jdbc.mysql.*, pilih driver yang digunakan, buat Querry, tampilkan hasil
- ○ d. Import package java.sql.*, buat sebuah koneksi, masukan Query, tampilkan hasil

Your answer is correct.

The correct answer is:
Import package java.sql.*, pilih driver yang digunakan, buat sebuah koneksi, eksekusi sebuah Querry

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