Multiple Choice:

6.1 C

6.2 D

6.3 B

6.4 C

6.5 B

6.6 E

6.7 C

6.8 A

6.9 D

6.10 C

True False:

6.1True

6.2 False

6.3 False

6.4 True

6.5 True

6.6 False

6.7 False

6.8 False

6.9 True

6.10 True

Short Answer:

6.1

• float elapsedTimes[] = {11.47, 12.04, 11.72, 13.88};

• int[] scores = new int[30];

• char grades[] = {'a', 'b', 'c', 'd', 'f'};

6.2

* A program to find grades of students in a class
* A program to display and edit images

6.3

The for loop does not get the index of 0 because the control variable count starts at 1 not 0

6.4

int students = new int[25]

int grades = new int[40]

transactions[] charges = new Transactions[number]

public class Transactions

{

private int transactionNumber;

private String merchantName;

private double charge;

}

NameGrades[] Class = new NameAndGrades [enrolled]

public class NameAndGrades

{

private String name;

private int[] grades;

}

Employee[] LL = new Employee[staff]

public class Employee

{

private int emplNumber;

private String Date;

private double raise[] = new double[5];

}

6.5

public int sumArray (int[] values)

{

int tot = 0;

for (int i = 0; i < values.length; i++)

sum += values[i];

return tot;

}

6.6

public void switch (int[] x, int[] y)

{

if (x.length == y.length)

{

int [] z = new int[x.length];

for (int i=0; i<x.length; i++)

z[i] = x[i];

for (int i=0; i<x.length; i++)

x[i] = y[i];

for (int i=0; i<x.length; i++)

y[i] = z[i];

}

else

{

System.out.println(“They are not the same size, you drunk!”)

}

}

6.7

A program that would use a deck of cards, would use an array list to store each individual card since their size is not fixed which would allow for dynamic sized decks.

6.8

for (Car car : myCars)

{

System.out.println(car);

}

6.9

ListIterator it = myCars.listIterator();

while (it.hasNext())

{

System.out.println(it.next());

}

AP Style Multiple Choice:

1. E

2. A

3. C

4. D

5. B

6. C