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| 1. Refer to the code below to complete the following. | |
| public class Tester {         public static void main(String[] args){           double b[] = new double[10];           b[3] = 19;           BankAccount myAccount = new BankAccount(79); //sets balance to 79           int y = 39;           method1(y, b, myAccount);  BankAccount anotherAccount = myAccount;  anotherAccount.deposit = 200;// adds 200 to the balance           System.out.println(y + " " + b[3] + " " + myAccount.balance);       }         public static void method1(int x, double a[], BankAccount theAccount){             x = 332;           a[3] = -54;           theAccount.balance = 702;      }  } | |
| Draw the stack-heap diagram for the code block above | |
| **Stack** | **Heap** |
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| Indicate what is printed | |
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| 1. Refer to the code below to complete the following. | |
| public static void main(String args[]{    int s[] = {1,2,3,4,5,6};      for(int g = 0; g < s.length; g++)        System.out.print(s[g] + " ");      System.out.print("\n");    testMethod(s);      for(int g = 0; g < s.length; g++)         System.out.print(s[g] + " ");  }//end main | public static void testMethod(int pp[]){    int len = pp.length;    int t2[] = new int[len/2];    int i = 0;      for(int j=0; j<len/2; j++){       i+=2;       t2[j] = pp[i-1];    }    for(int k=0; k<t2.length; k++)         System.out.print(t2[k] + " ");      System.out.print("\n");    pp = t2;  }//end testMethod |
| Draw the stack-heap diagram for the code block above | |
| **Stack** | **Heap** |
|  |  |
| Indicate what is printed | |
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| 1. Refer to the code below to complete the following. | |
| public class Tester  {  public static void main(String args[])  {  int [] prf = {13,22,89,15};  double d = 30.89;  Circle myCir = new Circle(18);  myCir.rad = 14;  fg(prf, d, myCir);  System.out.println(d);  System.out.println(prf[2]);  System.out.println(myCir.rad);  }  public static void fg(int [] x, double d, Circle c)  {  d++;  x[2] = 16;  c.rad = 122;  System.out.println(d++);  int nn[] = new int[x.length];  nn[3] = x[0];  x = nn;  }  } | |
| 1. What is the output of   *System.out.println(d);* in *main*? | |
| 1. What is the output of   *System.out.println(prf[2]);* in *main*? | |
| 1. What is the output of   *System.out.println(myCir.rad);* in *main?* | |
| 1. What is the output of printlnin the fgmethod? | |
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