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| --- | --- |
|  | Which of these are selection statements in Java?  a) if()  b) for()  c) continue  d) break |
|  | From where break statement causes an exit?  a) Only from innermost loop  b) Terminates a program  c) Only from innermost switch  d) From innermost loops or switches |
|  | Which of this statement is incorrect?  a) switch statement is more efficient than a set of nested ifs  b) two case constants in the same switch can have identical values  c) switch statement can only test for equality, whereas if statement can evaluate any type of boolean  expression  d) it is possible to create a nested switch statements |
|  | What is byte code in Java?  a) Code generated by a Java compiler  b) Code generated by a Java Virtual Machine  c) Name of Java source code file  d) Block of code written inside a class |
|  | What is the default encoding for an OutputStreamWriter of Java?   1. UTF-8 2. Default encoding of the host platform 3. UTF-12 4. None of the above |
|  | Which of the below is invalid identifier with the main method?  a) public  b) static  c) private  d) final |
|  | How can we identify whether a compilation unit is class or interface from a .class file?  a) Java source file header  b) Extension of compilation unit  c) We cannot differentiate between class and interface  d) The class or interface name should be postfixed with unit type |
|  | if(a<=0)  {  if(a==0)  {  System.out.println("1 ");  }  else  {  System.out.println("2 ");  }  }  System.out.println("3 ");  What would be the output of the following code snippet if variable a=10?  a) 1 2  b) 2 3  c) 1 3  d) 3 |
|  | Find the output of the program  public class Main{  public static void main(String[] args) {  char x = 'X';  int i = 0;  System.out.print(true ? x : 0);  System.out.print(false ? i : x);  }  }  a) X98  b) Compile time error  c) X88  d) Runtime error |
|  | Which of the following is not a valid jump statement in Java?  a) break  b) goto  c) continue  d) return |
|  | Predict the output  class Main {  public static void main(String args[])  {  int a = 3;  int b = 6;  int c = a | b;  int d = a & b;  System.out.println(c + " " + d);  }  }  a) 7 2  b) 7 7  c) 7 5  d) 5 2 |
|  | What is the output of the below Java program with while, break and continue?  int cnt =0;  while(true)  {  if(cnt > 4)  break;  if(cnt==0)  {  cnt++;  continue;  }  System.out.print(cnt + ";,";);  cnt++;  }  A) 0,1,2,3,4,  B) 1,2,3,4,  C) 1,2,3,4  D) Compiler error |
|  | Which of these statements are incorrect?  a) Equal to operator has least precedence  b) Brackets () have highest precedence  c) Division operator, /, has higher precedence than multiplication operator  d) Addition operator, +, and subtraction operator have equal precedence |
|  | Which is the modifier when there is none mentioned explicitly?  a) protected  b) private  c) public  d) default |
|  | What is the output of the code snippet with the ternary operator  int p=5;  System.out.print("Hello”);  (p<6)?5:6;  A) Hello 5  B) Hello 6  C) Hello  D) Compiler error |
|  | Which right shift operator preserves the sign of the value?  a) <<  b) >>  c) <<=  d) >>= |
|  | Choose the Java-Code below with an infinite loop.  A) while(;);  B) while(true;)  C) while(true)  D) while(0) |
|  | Evaluate the following Java expression, if x=3, y=5, and z=10:  ++z + y - y + z + x++  A) 24  B) 23  C) 20  D) 25 |
|  | 1. &  2. ^  3. ?:  What is the order of precedence (highest to lowest) of following operators?  a) 1 -> 2 -> 3  b) 2 -> 1 -> 3  c) 3 -> 2 -> 1  d) 2 -> 3 -> 1 |
|  | What is the order of variables in Enum?  a) Ascending order  b) Descending order  c) Random order  d) Depends on the order() method |
|  | The purpose of hasNextInt is of the scanner class is  a)to check that the input is a Whole number  b)to check that the input is text  c)to check that the input is a number with a decimal point  d)to check that the input is a True / False value |
|  | On applying Left shift operator, <<, on integer bits are lost one they are shifted past which position bit?  a) 1  b) 32  c) 33  d) 31 |
|  | What is the order of variables in Enum?  a) Ascending order  b) Descending order  c) Random order  d) Depends on the order() method |
|  | What is the value stored in x in the following lines of Java code?  int x, y, z;  x = 0;  y = 1;  x = y = z = 8;  a) 0  b) 1  c) 9  d) 8 |
|  | Predict the output of the following code.  class Output  {  public static void main(String args[])  {  int x=y=z=20;  }  }  a) compile and runs fine  b) 20  c) run time error  d) compile time error |
|  | Modulus operator, %, can be applied to which of these?  a) Integers  b) Floating – point numbers  c) Both Integers and floating – point numbers  d) None of the mentioned |
|  | Which of these selection statements test only for equality?  a) if  b) switch  c) if & switch  d) none of the mentioned |
|  | Which Scanner class method is used to read string value from the user?  a) next()  b) nextString()  c) nextLine()  d) Both A and C |
|  | Which of this statement is incorrect?  a) switch statement is more efficient than a set of nested ifs  b) two case constants in the same switch can have identical values  c) switch statement can only test for equality, whereas if statement can evaluate any type of boolean expression  d) it is possible to create a nested switch statements |
|  | Which of these class contains the methods print() and println()?  a) System  b) System.out  c) BufferedOutputStream  d) PrintStream |
|  | What will be the output of the following Java program?  Class Main {  public static void main(String args[])  {  int x = 2;  int y = 0;  for ( ; y < 10; ++y)  {  if (y % x == 0)  continue;  else if (y == 8)  break;  else  System.out.print(y + " ");  }  }  }  a) 1 3 5 7  b) 2 4 6 8  c) 1 3 5 7 9  d) 1 2 3 4 5 6 7 8 9 |
|  | What is the use of Access modifier public in Java language?  A. To hide the main method from misuse  B. To call the main method outside of Class or Package by JVM  C. To protect main method  D. None of the above |
|  | What is the range of byte data type in Java?  a) -128 to 127  b) -32768 to 32767  c) -2147483648 to 2147483647  d) None of the mentioned |
|  | What is the numerical range of a char data type in Java?  a) -128 to 127  b) 0 to 256  c) 0 to 32767  d) 0 to 65535 |
|  | What is the size of int data type in Java  a)4 bytes  b)6 bytes  c)8 bytes  d)12 bytes |
|  | Which one is a valid declaration of a boolean?  a) boolean b1 = 1;  b) boolean b2 = ‘false’;  c) boolean b3 = false;   1. d) boolean b4 = ‘true’ |
|  | Which of these is long data type literal?  a) 0x99fffL  b) ABCDEFG  c) 0x99fffa  d) 99671246 |
|  | Which of these can be returned by the operator &?  a) Integer  b) Boolean  c) Character  d) Integer or Boolean |
|  | Which component is responsible to optimize bytecode to machine code?  a) JVM  b) JDK  c) JIT  d) JRE |
|  | Java Ternary operator is also called \_\_\_\_.  a) Relational Operator  b) Conditional Operator  c) Logical Operator  d) None |
|  | Which of these is used to perform all input and output operations in Java?  a) streams  b) Variables  c) classes  d) Methods |
|  | If an expression contains double, int, float, long, and then the whole expression will be promoted into which of these data types?  a) long  b) int  c) double  d) float |
|  | Which of these cannot be used for a variable name in Java?  a) identifier  b) keyword  c) identifier & keyword  d) none of the mentioned |
|  | Which of these is an incorrect string literal?  a) “Hello Worldd”  b) “Hello\nWorld”  c) “\”Hello World\””  d) “Hello World” |
|  | Class Demo  {  public static void main(String args[])  {  double a, b;  a = 3.0;  b = 4.0;  double c = Math.sqrt(a \* a + b \* b);  System.out.println(c);  }  }  a) 5.0  b) 25.0  c) 7.0  d) Compilation Error |
|  | Which of these is necessary condition for automatic type conversion in Java?  a) The destination type is smaller than source type  b) The destination type is larger than source type  c) The destination type can be larger or smaller than source type  d) None of the mentioned |
|  | Which of these constructors is used to create an empty String object?  a) String()  b) String(void)  c) String(0)  d) None of the mentioned |
|  | Predict the Output  class box  {  int width;  int height;  int length;  }  class mainclass  {  public static void main(String args[])  {  box obj = new box();  obj.width = 10;  obj.height = 2;  obj.length = 10;  int y = obj.width \* obj.height \* obj.length;  System.out.print(y);  }  }  a) 12  b) 200  c) 400  d) 100 |
|  | Predict the Output  class box  {  int width;  int height;  int length;  }  class mainclass  {  public static void main(String args[])  {  box obj1 = new box();  box obj2 = new box();  obj1.height = 1;  obj1.length = 2;  obj1.width = 1;  obj2 = obj1;  System.out.println(obj2.height);  }  }  a) 1  b) 2  c) Runtime error  d) Garbage value |
|  | What is the extension of compiled java classes?  a) .class  b) .java  c) .txt  d) .js |