

Test-1

Total points 71/80 ?

Email *

mahmudulalam81@gmail.com

Name *

Mahmudul Alam

Identify the command which is used to remove files? *

1/1

- ☒ rm
- ☐ dm
- ☐ erase
- ☐ delete

What is the core of the Linux operating system? *

0/1

- ☐ Terminal



- ☐ Kernel
- ☐ Command
- ☒ Shell

Choose whether the following statement is true or false: The maximum file size in Linux is 255 bytes. *1/1

- ☒ True
- ☐ False

Which of the following commands is used to display and create files? * 1/1

- ☒ cat
- ☐ lyrix
- ☐ vi
- ☐ ed

Which of the following command is used to create file in Linux? * 1/1

- ☐ touch
- ☐ cat
- ☐ echo
- ☒ All of the above



What is the command that will show you the absolute path to the directory you ^{*1/1} are in?

- ☐ swd
- ☐ pd
- ☒ pwd
- ☐ ls

Any shell script begins with the line _____to denote the name of the shell to be ^{*0/1} used for interpretation?

- ☒ #!/bin/sh
- ☐ #!/bin/csh
- ☐ #!/bin/ksh
- ☐ Any one of them

To display the list of files and directories, _____Linux command is used? ^{*} 1/1

- ☐ chmod
- ☒ ls



☐ mkdir

☐ rmdir

_____ Linux command changes the access mode of a file? *

1/1

☐ pwd

☐ mkdir

☐ rmdir

☒ chmod

Which command creates an empty file if file does not exist? *

1/1

☐ cat

☒ touch

☐ ed

☐ read

Which of these commands could you use to show one page of output at a time? *1/1

☒ less

☐ sed

☐ pause



☐ grep

Which command is used to display last 10 lines of the file? *

1/1

☐ head

☐ tac

☐ cat

☒ tail

Which command is used to display first 10 lines of the file? *

1/1

☒ head

☐ tac

☐ cat

☐ tail

Which Linux command is used to copy files/directory from one place to another.

*1/1

☐ mv

☐ cat

☐ mkdir



☒ cp

Which command is used to navigate to the home directory of the user *

1/1

- ☐ cd/
- ☒ cd~
- ☐ cd..
- ☐ cd-

The sign _____ is called she-bang and is written at top of the script. *

1/1

- ☐ #
- ☒ #!
- ☐ # \$
- ☐ *!

Any line starting with a hash (#) becomes *

1/1

- ☐ statement
- ☐ data
- ☒ comment
- ☐ line



Comment means? *

1/1

- ☐ that line will take part in script execution
- ☒ that line will not take part in script execution
- ☐ any one of them
- ☐ None of the above

How to declare variable inside the script *

1/1

- ☐ hello=var1
- ☐ \$var1=hello
- ☒ var1=Hello
- ☐ hello=\$var1

*

1/1

What is the extension to save Shell Script File?

- ☐ .hs
- ☒ .sh
- ☐ .script



☐ .txt

Which command is passed to make it executable *

1/1

- ☐ chmod +r <fileName>
- ☐ chmod +w <fileName>.
- ☒ chmod +x <fileName>.
- ☐ None of the above

What will be the output of the following code? *

1/1

```
#!/bin/bash
for(i=10;i>=1;i--)
do
echo "$i"
done
```

- ☐ 1 to 10
- ☐ 0 to 10
- ☒ 10 to 1
- ☐ 10 to 0



What will be the output of the following code? *

1/1

```
#!/bin/bash
i=5
until [ $i -gt 10 ]
do
echo "$i"
i=$((i+1))
done
```

- ☐ 0 to 10
- ☐ 5 to 15
- ☐ 10 to 5
- ☒ 5 to 10



How to pass the parameters with help of calling function in the script? *

1/1

#!/bin/bash

#Defining function

```
function Welcome () {  
  
    echo "Starlink Tech $1"  
}
```

#Calling function

- ☐ function parameter name
- ☒ Welcome parameter name
- ☐ welcome parameter name
- ☐ parameter name Welcome

bash Stands for? *

1/1

- ☐ Bourne shell
- ☒ Bourne-again SHell
- ☐ Bourne-against SHell
- ☐ None of the above



How to run script? *

0/1

- ☐ ./<fileName>
- ☐ <fileName>
- ☒ ./fileName
- ☐ /<fileName>

MySQL is *

1/1

- ☐ A Programming language
- ☐ A technique for writing reliable programs
- ☒ A Relational Database Management System
- ☐ None of the Above

The _____ statement is used to delete a table. *

1/1

- ☐ DELETE TABLE
- ☐ DEL TABLE
- ☒ DROP TABLE
- ☐ REMOVE TABLE



Which of the following scripts will run successfully?

1/1

- ☐ `SELECT FROM `customers` 'customer name';`
- ☐ `SELECT `customer name` FROM customers ORDER BY zone WHERE cat_id = 12;`
- ☒ `SELECT customer name FROM customers;`
- ☐ `SELECT `customer name` FROM customers WHERE cat_id = 12 ORDER BY cat_id;`

What will be printed by the given query? `SELECT LENGTH("WINNER");` *

1/1

- ☐ 7
- ☒ 6
- ☐ 8
- ☐ 9

With SQL, how do you select all the columns from a table named "Persons"? *

1/1

- ☒ `SELECT * FROM Persons`
- ☐ `SELECT Persons`
- ☐ `SELECT [all] FROM Persons`



☐ SELECT *.Persons

Which of the following is not a DML command? *

1/1

- ☐ Update
- ☐ Insert into
- ☐ Delete
- ☒ Create Table

Which of the following can add a row to a table? *

1/1

- ☐ Add
- ☒ Insert
- ☐ Update
- ☐ Alter

What will be returned by the given query? SELECT concat("It", "was", "ok"); *

1/1

- ☐ "It was ok"
- ☒ "Itwasok"
- ☐ "Itwas ok"
- ☐ "Tt wasok"



Which of the following is not a numeric function? *

1/1

- ☐ MOD
- ☐ SIGN
- ☒ MID
- ☐ POW

The term _____ is used to refer a column. *

1/1

- ☐ Row
- ☐ Record
- ☐ Tuple
- ☒ Attribute

Which one of the following sorts rows in SQL? *

1/1

- ☐ SORT BY
- ☐ ALIGN BY
- ☒ ORDER BY
- ☐ GROUP BY



In MySQL, which command is used to modify the table values *

1/1

- ☐ Select
- ☐ Alter
- ☐ Modify
- ☒ Update

Which function will be used to remove only the trailing spaces from a string?

1/1

- ☐ ltrim()
- ☒ rtrim()
- ☐ trim()
- ☐ all

Which is the default order of sort in ORDER BY clause? *

1/1

- ☒ Ascending
- ☐ Descending



"CREATE TABLE" statement falls to which category of comand of MYSQL? * 1/1

- ☐ DML
- ☐ DCL
- ☐ TCL
- ☒ DDL

A relational database _____ is a data structure used to store and organize information. *1/1

- ☐ View
- ☒ Table
- ☐ Report
- ☐ Stored Procedure

MySQL is available for free? Is it open source? * 1/1

- ☒ True
- ☐ False



What is a tuple in a relational database? *

1/1

- ☐ Table
- ☒ Row
- ☐ Column
- ☐ Object

What keyword is the synonym for DATABASE? *

1/1

- ☐ TABLE
- ☐ OBJECT
- ☐ DB
- ☒ SCHEMA

Which of the following is true about mysql? *

1/1

- ☐ Easy to use
- ☐ Scalable
- ☐ High Flexibility
- ☒ All of the above



Which join refers to join records from the write table that have no matching key ^{*1/1} in the left table are include in the result set:

- ☐ Left outer join
- ☐ Full outer join
- ☒ Right outer join
- ☐ Half outer join

Which is right statement to insert multiple records? *

1/1

- ☒ INSERT INTO job_question VALUES ('col1', 'col2'), ('col1', 'col2'), ...
- ☐ INSERT INTO job_question VALUES ('col1', 'col2'), VALUES ('col1', 'col2'), ...
- ☐ A and B Both
- ☐ None of the above

Which statement is used to find out what databases currently exist on the ^{*1/1} server?

- ☐ SHOW DATABASE
- ☒ SHOW DATABASES
- ☐ SHOW ALL DATABASES



☐ All the above

Which is not a valid comment style in MySQL? *

0/1

- ☐ # comment
- ☐ /* comment */
- ☒ -- comment
- ☐ //

"Select * from employee where salary>1000 and Dept_id=100".Which of the following fields are displayed as output? *1/1

- ☐ Salary, dept_id
- ☐ Salary
- ☐ Employee
- ☒ All fields of the relation

SELECT POW(-3.2) will display the output: *

0/1

- ☐ -6
- ☒ -9
- ☐ 9



☐ 6

Alter table is a _____ command *

0/1

- ☐ DDL
- ☒ DML
- ☐ TCL
- ☐ DCL

Delete table is a _____ command *

1/1

- ☐ DDL
- ☐ DCL
- ☒ DML
- ☐ TCL

The following Syntax is used for?

*

1/1

```
class Subclass-name extends Superclass-name
{
//methods and fields
}
```

- ☐ Polymorphism



- ☐ Encapsulation
- ☒ Inheritance
- ☐ None of the above

Which of the following option leads to the portability and security of Java? * 1/1

- ☒ Bytecode is executed by JVM
- ☐ The applet makes the Java code secure and portable
- ☐ Use of exception handling
- ☐ Dynamic binding between objects

What is the use of 'javac' command? 1/1

- ☐ Execute a java program
- ☐ Debug a java program
- ☐ Interpret a java program
- ☒ Compile a java program

Which of the following for loop declaration is not valid? * 0/1

- ☐ for (int i = 99; i >= 0; i / 9)
- ☐ for (int i = 7; i <= 77; i += 7)
- ☐ for (int i = 20; i >= 2; -i)



☒ for (int i = 2; i <= 20; i = 2* i)

*

0/1

Consider the following Java code fragment. Which of the following statement is true?

Line No	Code Statement
1	public class While
2	{
3	public void loop()
4	{
5	int x = 0;
6	while (1)
7	{
8	System.out.println("x plus one is" + (x + 1));
9	}
10	}
11	}

- ☒ There is syntax error in line no. 1
- ☐ There are syntax errors in line nos. 1 & 6
- ☐ There is syntax error in line no. 8
- ☐ There is syntax error in line no. 6



Employee emp = ___ Employee (); Pick a suitable word from the list so that an *1/1
object of the class Employee is created.

- ☐ object
- ☐ class
- ☐ run
- ☒ new

What is the error in the following class definitions? *

0/1

Abstract class xy

```
{  
abstract sum (int x, int y) { }  
}
```

- ☐ Class header is not defined properly.
- ☒ Constructor is not defined.
- ☐ Method is not defined properly
- ☐ Method is defined properly



A package is a collection of *

1/1

- ☐ Classes
- ☒ Classes and interfaces
- ☐ Interfaces
- ☐ Editing tools

What is the output for the following code: `System.out.println ("Hello World");` 1/1

- ☐ Shows error
- ☒ Hello World
- ☐ "Hello World"
- ☐ None of the above

___ statement is Java's multi-way branch statement. *

1/1

- ☒ switch
- ☐ nested if
- ☐ break
- ☐ if-else-if ladder



___ is used to exit from a loop:

1/1

- ☐ continue
- ☐ quit
- ☒ break
- ☐ None of the above

Consider,

*

1/1

```
public class MyClass
{
    public MyClass(){/code/}
    // more code...
}
```

To instantiate MyClass, you would write?

- ☒ MyClass mc = new MyClass();
- ☐ MyClass mc = MyClass();
- ☐ MyClass mc = MyClass;
- ☐ MyClass mc = new MyClass;



Which loop always executes its body at least once, even though the condition *1/1 is not true:

- ☐ for
- ☒ do-while
- ☐ while
- ☐ continue

Given the code

*

1/1

```
String s1 = "yes";  
String s2 = "yes ";  
String s3 = new String ( s1);
```

Which of the following would equate to true?

- ☒ s1 == s2
- ☐ s1 = s2
- ☐ s3 == s1
- ☐ s3=s1



A ___ defines the structure and behaviour (data and code) that will be shared by a set of objects. *1/1

- ☒ Class
- ☐ Objects
- ☐ group of objects
- ☐ Inheritance

___ is the mechanism that binds together code and the data it manipulates and keeps both safe from outside interference and misuse. *1/1

- ☐ Inheritance
- ☐ Polymorphism
- ☒ Encapsulation
- ☐ Multithreaded

Bytecode is a highly optimized set of instructions designed to be executed by the Java run-time system, which is called the ___ *1/1

- ☒ JVM
- ☐ IDE



☐ working environment

☐ all of the above

JVM stands for ____ *

1/1

☒ Java Virtual Machine

☐ Joint virtual machine

☐ java virtual means

☐ joint virtual minute

JIT stands for ____ *

1/1

☐ Just In Temporary

☒ Just In Time

☐ Jump In Time

☐ joke in Time

Which is an abstract data type? *

1/1

☐ Double

☐ String

☐ Enum

☒ Class



Which keyword is used to inherit a class in Java? *

1/1

- ☐ inherit
- ☐ implement
- ☐ extend
- ☒ extends

A private member of a class is accessible to _____. *

1/1

- ☒ only members of the same class
- ☐ members to the same package
- ☐ in subclass
- ☐ everywhere

In OOPs in Java, private, public & protected are _____. *

1/1

- ☐ Interfaces
- ☐ Classes
- ☐ Method signature
- ☒ Access Modifiers



Constructor can return a value _____. *

1/1

- ☐ True
- ☒ False

Which of the following syntax used to create an object of Class in Java? *

1/1

- ☐ Classname obj = new() Classname()
- ☐ Classname obj = new Classname;
- ☒ Classname obj = new Classname();
- ☐ None of the above



What is the output of the following Java code? *

1/1

```
1.  class A
2.  {
3.      int data = 5;
4.
5.      A() {
6.          data = 10;
7.      }
8.  }
9.
10. public class Test
11. {
12.     public static void main(String args[])
13.     {
14.         A obj = new A();
15.         System.out.println(obj.data);
16.     }
17. }
```

- ☐ 5
- ☒ 10
- ☐ Compilation error
- ☐ Runtime error



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