largest time is spent on which of the software development phase?

Your Answer

○ testing

✓ enhancement

○ bug fixing

○ analysis and design

Which data type gets returned from length() method in String class?

⚪ double

Your Answer

⚪ String

✅ int

⚪ number

✅ Correct Answers ☑ Your Answers

'Aging' is

⚪ keeping track of cache contents

Your Answer
⚪ keeping track of what pages are currently residing in memory

⚪ keeping track of how many times a given page is referenced

✅ increasing the priority of jobs to ensure termination in a finite time

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

RAD Model is high speed implementation of

⚪ waterfall model

✅ **spiral model**

⚪ Prototyping model

Your Answer

⚪ Component Assembly model

Round robin scheduling is essentially the preemptive version of _____.

✅ FIFO

⚪ Shortest job first

⚪ Shortes remaining

Your Answer
⚪ Longest time first

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

Is String a primitive data type?

Your Answer

⚪ Yes

✅ No

⚪ Both

Which of the following is the best answer, in a modern Linux:

Your Answer

⚪ ls and ps are supervisor system utilities

✅ ls and ps are regular system utilities

⚪ chrtis a regular system utility

⚪ None of the above

Question 10 ✗ 🕐 1.8s 🪙 0 pts ✕

In FIFO page replacement algorithm, when a page must be replaced

✓ oldest page is chosen

○ newest page is chosen

Your Answer
○ random page is chosen

○ none of the mentioned

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

Which is correct method to convert String into uppercase

⚪ changeUpperCase()

⚪ convertUpperCase()

Your Answer
⚪ toUpper()

✅ toUpperCase()

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

A General Purpose OS (GPOS) design uses, which of the following:

Your Answer

○ High-level applications/frame-works are compiled and linked, with the CORE OS components

✓ High-level applications/frame-works are compiled and linked, with the system libraries

○ High-level applications/frame-works are compiled and linked,with system utilities
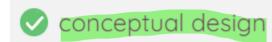
○ None of the above

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

class diagram represents

✅ **conceptual design**

Your Answer
○ organization of objects

○ set of actions

○ state machine

Preemptive Shortest Job First scheduling is sometimes called:

Your Answer

⚪ Fast SJF scheduling

⚪ EDF scheduling – Earliest Deadline First

⚪ HRRN scheduling – Highest Response Ratio Next

✅ SRTN scheduling – Shortest Remaining Time Next

☑ Correct Answers ☑ Your Answers ← PREV NEXT →

What is the error in the following code fragment?
float average [20];
average[20] = 15.25;

Your Answer

⬤ A cast is required

⬤ data not initialized

⬤ A two-dimensional array is required

✅ Array Out-of-bounds error

if a process/thread is preempted :

⬤ it is added to blocked state

⬤ it is added to preempted state

✅ it is added to ready state

Your Answer
⬤ it is added to stopped state

To achieve a good design, different modules should have_____

- ⚪ Weak cohesion and low coupling

- ⚪ Weak cohesion and highcoupling

- ✅ Strong cohesion and low coupling

Your Answer
- ⚪ Strong cohesion and high coupling

system libraries are linked to :

○ device drivers

✓ applications

Your Answer
○ kernel

○ none of the above

What is a variable?

Your Answer

○ Any inputted data

○ A type of algorithm

✓ A laballed part of the computer's memory

○ A way of repeating a block of code

☑ Correct Answers   ☑ Your Answers

← PREV   NEXT →

_____ does the job of allocating a process to the processor.

⚪ Long term scheduler

⚪ Short term scheduler

Your Answer

⚪ Medium term scheduler

✅ Dispatcher

If a user's process does not have sufficient execute permissions, for a directory, which of the following istrue :

✅ it cannot access the files, under the directory

⚪ it cannot update the files, under the directory, but can read their contents

Your Answer

⚪ it can read from and write to the files, under the directory

⚪ none of the above

✅ Correct Answers   ✅ Your Answers   ← PREV   NEXT →

Major changes made to software after long periods is also called software reengineering or

⚪ perfective maintainence

✅ regressive maintainence

⚪ adaptive maintainence

Your Answer
⚪ corrective maintainence

Match the level testing can work on
1) Acceptance Testing 2) System Testing 3) Integration Testing 4) Unit Testing
a) Client Needs b) Requirements c) Design d)Code

Your Answer

⚪ 1-d, 2-b, 3-c, 4-a

✅ 1-a, 2-b, 3-c, 4-d

⚪ 1-a, 2-b, 3-d, 4-c

⚪ 1-a, 2-c, 3-b, 4-d

Example of Software Configuration Items (SCI) is

⚪ SRS

⚪ Code

Your Answer
⚪ User manual

✅ All of the above

Choose correct purpose of indexOf() in String class.

Your Answer

○ returns the index (the position) of the last occurrence of a specified text in a string

○ returns the character of the first occurrence of a specified character in a string

○ returns the index (the position) of the first occurrence of a specified text in a string (excluding whitespace)

✓ returns the index (the position) of the first occurrence of a specified text in a string (including whitespace)

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

Java code to create a non-element array of student marks with the size of 20.

⬤ double mark;

⬤ double [20] mark = new double;

Your Answer
⬤ double [ ] mark = new mark [20];

✅ double [ ] mark = new double [20];

Which of the following is best answer, for a General Purpose OS (GPOS):

✅ Core components of the KERNEL of a GPOS manage hardware resources

⚪ Non-core components of a GPOS manage hardware resources

Your Answer

⚪ Typically, application developers interact, with KERNEL of a GPOS

⚪ None of the above

What is meant by the term iteration?

○ A list of instructions for completing a task

✓ Repeating a block of code

Your Answer
○ Giving a value to a variable

○ Breaking a problem down into simple parts

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

Bar charts and activity networks are graphical notation which are used to illustrate the

⬤ Project Plan

Your Answer

⬤ Project dependencies

✅ Project Schedule

⬤ Project Risk Analysis

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

Which of the following would NOT appear as a symbol on a flowchart?

✅ data type

⚪ decision

⚪ input/output

Your Answer
⚪ processing

Mutual exclusion can be provided by the

Your Answer

⚪ Mutex locks

⚪ Binary semaphores

⚪ Both Mutex locks and binary semaphores

✅ none of the mentioned

☑ Correct Answers ☑ Your Answers ← PREV NEXT →

A module whose all elements exhibit relationship which involves both data and control flow is said to be _____cohesive

✅ sequentially

Your Answer
⚪ Communicationally

⚪ Temporally

⚪ Procedurally

Choose most appropriate purpose of trim() method in String?

⬤ to remove white spaces

⬤ to get a substring of the string

⬤ to cut String at desired index

Your Answer

✓ to remove extra white spaces from start and end of String

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

What type of data would your name be?

⚪ Real

⚪ Boolean

⚪ Integer

Your Answer
✅ String

What term is used to describe a variable being given a value?

⚪ Equals

Your Answer
✅ Assignment

⚪ Input

⚪ Algorithm

☑ Correct Answers   ☑ Your Answers

PREV   NEXT →

String txt = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";

What is the correct way to find the length of "txt" string?

○ int len = length(txt);

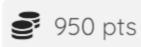○ float len = txt.length();

Your Answer
✓ int len = txt.length();

○ double len = length(txt);

which of these terms apply to identify quality standards and how to satisfy them?

⚪ Quality projections

Your Answer
✅ Quality management

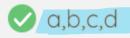⚪ Quality overview

⚪ Quality planning

The requirement phase consist of
a) Problem analysis b) Requirement specification
c) Requirement validation d) Problem validation

○ a,b,c

Your Answer
✓ a,b,c,d

○ a,b,d

○ a,c,d

☑ Correct Answers ☑ Your Answers ← PREV NEXT →

The Lines of Code (LOC) size do not include

⚪ Compiler Directives

⚪ Declarations

Your Answer
✅ Comments

⚪ all of the above

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →

Which of the following is the best answer, in a modern General Purpose OS (GPOS):

Your Answer

✅ Each active application is managed, using a single process or multiple processes

⦾ Each active application is managed, without using processes

⦾ Multiple active applications are managed, using a single common process

⦾ None of the above

What must reside in the main memory under all situations in a resident - OS computer?

○ Linker

Your Answer
✓ Loader

○ Assembler

○ Compiler

Disk scheduling includes deciding:

○ which should be accessed next

✅ order in which disk access requests must be serviced

○ the physical location of the file

Your Answer

○ the logical location of the file

☑ Correct Answers   ☑ Your Answers   ← PREV   NEXT →