

ENTROPY 2019 - QUALIFICATION ROUND

Implementation

The questions will be multiple choice of 4 choices, 1 or more CORRECT ANSWER for each question.

If you have any questions, please contact ENTROPY's hotline: (028) 3724 6560 or 0937 367 366

Question 41

In Git, when you type "git clone" command, it will help you execute which of the following?

A	Creates a working directory
B	Makes a local copy of the repository
C	Commits a new branch
D	Creates a new branch

☒ A

☒ B

☐ C

☐ D

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Question 42

Suppose that you have a local repository in your machine, but other team members have pushed changes into the remote repository. So which Git operation would you suggest to download those changes into your working copy?

A	checkout
B	commit
C	status
D	pull

- ☒ A
- ☐ B
- ☐ C
- ☐ D

Question 43

Nowadays, to develop a product, people often use an open-source automation server called Jenkins. So, can you figure out which are the advantages of using Jenkins?

A	At integration stage, build failures are cached
B	For each change in the source code an automatic build report notification is generated
C	To notify developers about build report success or failure, it is integrated with LDAP mail server
D	All of the above

- ☐ A
- ☐ B
- ☐ C
- ☒ D

Question 44

In programming, compiler is mentioned as a process which translates the original source code to _____.

A	Executable code
B	Machine code
C	Binary code
D	Hash code

☐ A☒ B☒ C☐ D

Question 45

In Unix, /bin

A	is a bucket for storing information
B	has files in binary code
C	is a directory
D	is a repository

☒ A☒ B☐ C☐ D

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Question 46

In python 3.5, what is the output of the given statement: 'ABC' * 2

A	'ABC2'
B	TypeError
C	'AABBCC'
D	'ABCABC'

☐ A

☐ B

☐ C

☒ D

Question 47

In Python 3.5, what is the main usage of "from sklearn.grid_search import GridSearchCV":

A	Search cross-validation the given dataset and estimator
B	Search the optimized algorithm for given dataset and estimator
C	Search all integer and float parameter values for given dataset and estimator
D	Search specific parameter values for given dataset and estimator

☐ A

☐ B

☒ C

☐ D

Google Forms

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