



نمونه سوالات آزمون برنامه نویسی شی گرا (OOP)

Object oriented programming test

Sample Questions

🕒 سطح آزمون: متوسط

آزمون برنامه نویسی شی گرا

OOP Test

این آزمون میزان دانش فنی شما را در چهار بخش "Basic data types, variables & control", "Objects & classes", "flow", "Four principles of OOP", "Abstract classes, interfaces and generics" به چالش می کشد.

لطفا پیش از شروع آزمون به نکات زیر با دقت، توجه کنید:

- این آزمون از 16 سوال تخصصی تشکیل شده است و نمره منفی ندارد.
- زمان آزمون 20 دقیقه می باشد و قابل تمدید نیست.
- این آزمون به زبان انگلیسی طراحی شده است.
- در بعضی از سوالات شاید همه گزینه ها صحیح باشند ولی شما باید گزینه ای که از بقیه موارد، جامع تر و دقیق تر می باشد را انتخاب کنید.

1- There are five classes. Class E is derived from class D, D from C, C from B, and B from A. Which class constructor(s) will be called first if the object of E or D is created?

- ☒ [x] A
- ☐ [] B
- ☐ [] C
- ☐ [] C and B

2- How coupled should your classes be and why?

- ☐ [] You should increase coupling to improve dependencies between classes.
- ☒ [x] You should limit coupling to reduce dependencies between classes.
- ☐ [] You should increase coupling so that class members relate to the class purpose.
- ☐ [] You should limit coupling so that class members relate to the class objective.

3- What is a virtual Method?

- ☒ [x] a method that you expect may be redefined in derived classes
- ☐ [] a method that you do not expect to be redefined in derived classes
- ☐ [] a private method that you do not expect to be redefined in derived public classes
- ☐ [] a method that exists temporarily - once used, it ceases to be used by any caller

4- Methods and attributes that define an object are a kind of blueprint called what?

- [] a collection
- [] a variable
- [x] a class
- [] a procedure