```
MyClass t1 = new MyClass( 10
);
MyClass t2 = new MyClass( 20
);
Console.WriteLine(t1.toString()
+ " " + t2.toString());
}
}
```

Select one:

- ⦿ a. the toString method ✔
  is declared private
  and cannot be
  accessed

- ○ b. the constructor must be
  without parameters

- ○ c. the instance variable x
  is declared private and
  cannot be accessed
  directly

- ○ d. the constructor have to
  return a value of x

The correct answer is: the
toString method is declared
private and cannot be

In a flowchart how are symbols connected?

إختر أحد الخيارات:

◉ a. With lines and an arrow to show direction of flow

○ b. With dashed lines and numbers

○ c. With solid lines to link events

○ d. Symbols do not get connected together in a flowchart

Write a problem analysis chart (PAC) that asks a user to enter a unit price and quantity of the product sold . Calculate and display the total sale

اكمل مخطط تحليل المشكلات (PAC) الذي يطلب من المستخدم إدخال سعر الوحدة وكمية المنتج المباع. وحساب وعرض إجمالي البيع

Data	Processing	Output
unit price quantity	total sale=unit price * quantity	total sale

Error in the flowchart b. ⦿

c. -10, -1

d. -10, 0

The rectangle المستطيل in a flowchart indicates:

إختر أحد الخيارات:

a. ⦿ A decision.

b. ⦿ An input or output instruction.

c. ⦿ A process.

d. ⦿ A module to be processed.

- ◉
- ○ average speed= distance / time
- ○ time = distance / average speed
- ○ Read distance
- ○ read average speed

ISRA البوابة التعليمية الإلكترونية لجامعة الإسراء

الوقت المتا

gorithm to find the average speed of a car, considering that the journey time is 10 hours
and the distance travelled is 1000 Kms is:

| ⬍ distance, time, and average speed | INPUT |

| ⬍ average speed | OUTPUT: |

PROCESSING:

| ⬍ Read distance | .l |

| ⬍ read average speed | .2 |

| ⬍ time = distance / average speed | .3 |

| ⬍ average speed = distance / time | 4 |

يرجى الإجابة على جميع أجزاء السؤال.

الصفحة السابقة

EN ⬍ 📋 🖅 ◁⟩ ⊞

Question **6**

Not yet answered
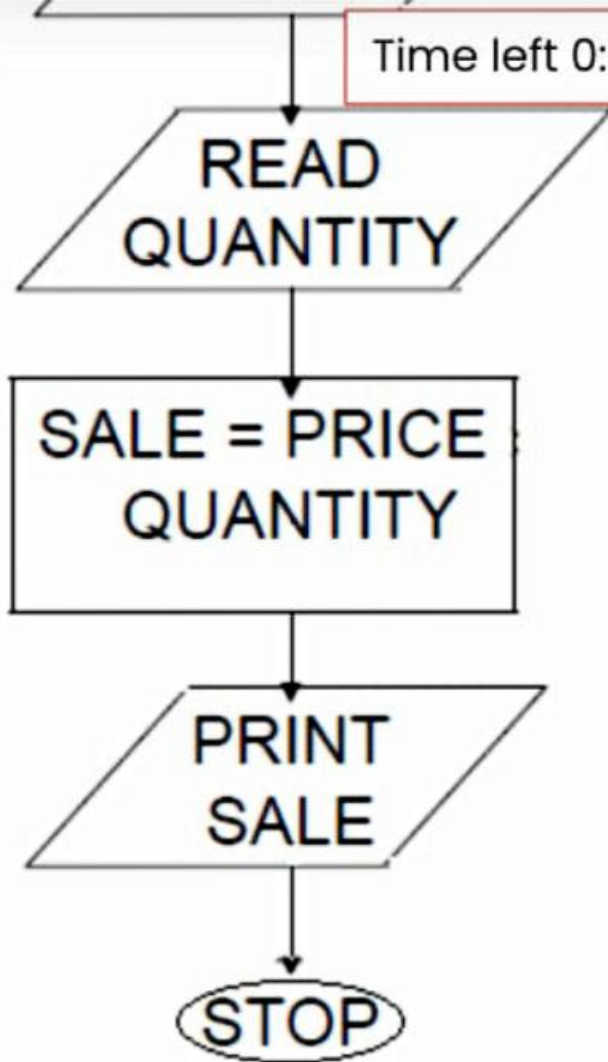
Marked out of 1

⚑ Flag question

The rectangle المستطيل in a flowchart indicates:

Select one:

- ○ a. A process.

- ○ b. An input or output instruction.

- ○ c. A module to be processed.

- ○ d. A decision.

Previous page | Finish attempt ...

READ QUANTITY

SALE = PRICE QUANTITY

PRINT SALE

STOP

- Read Price ⬍
- Read Quantity ⬍
- Read Sale ⬍
- Sale=Price * Quantity ⬍
- Print Sale ⬍
- Print Price ⬍

The flowchart symbol that represents input

Select one:

○ a. rectangle (مستطيل)

○ b. Parallelogram (متوازي الاضلاع)

○ c. trapezium (معين منحرف)

○ d. circle (دائرة)

In a flowchart how are symbols connected?

Select one:

- a. With solid lines to link events

- b. With dashed lines and numbers

- c. Symbols do not get connected together in a flowchart

- d. With lines and an arrow to show direction of flow

m Analysis Chart (PAC) to compute and display the temperature inside the earth in Celsius and Fahrenheit. The relevant formulas are

Celsius = 10 x (depth) + 20
Fahrenheit = 1.8 x (Celsius) + 32

أكمل مخطط تحليل المشكلة (PAC) لحساب وعرض درجة الحرارة في باطن الأرض بدرجه مئوية وفهرنهايت.

عمق=depth

Data	Processing	Output
celsius fahr	fahr = 1.8 x (celsius) + 32 celsius = 10 x (depth) + 20	depth

Construct a flow cho[Time left 0:08:57] then N2, and finally prints the sum of the two numbers

إنشاء "flowchart" الذي يقرأ N1 ثم N2 ، وأخيراً يطبع مجموع الرقمين

Start

Read N1

Read N2

C=N1+N2

A=B+C
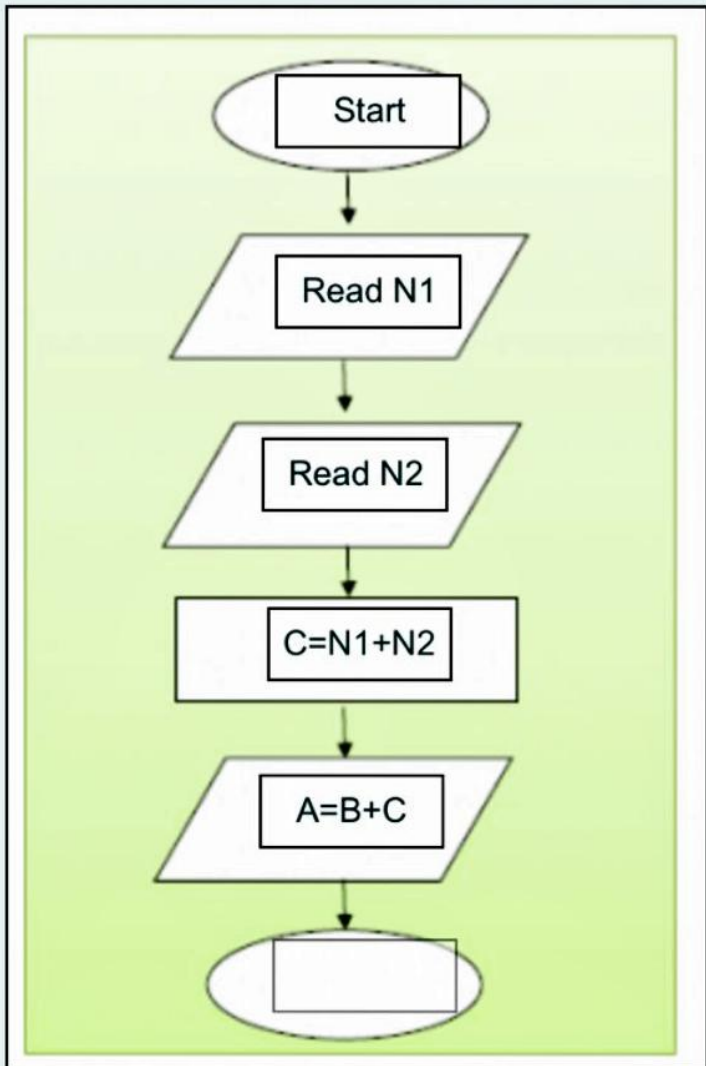
Print C	Print A

Stop	Print B

In the development of a solution:

Select one:

○ a. The IPO chart is developed first.

○ b. The PAC is developed first.

○ c. The algorithms and flowcharts are developed together.

○ d. a and C.

○ e. b and C.

○ f. None of the above.

```
START

READ
PRICE

READ
QUANTITY

SALE = PRICE
QUANTITY

PRINT
SALE

STOP
```

What symbol do flowcharts use to make a decision with?
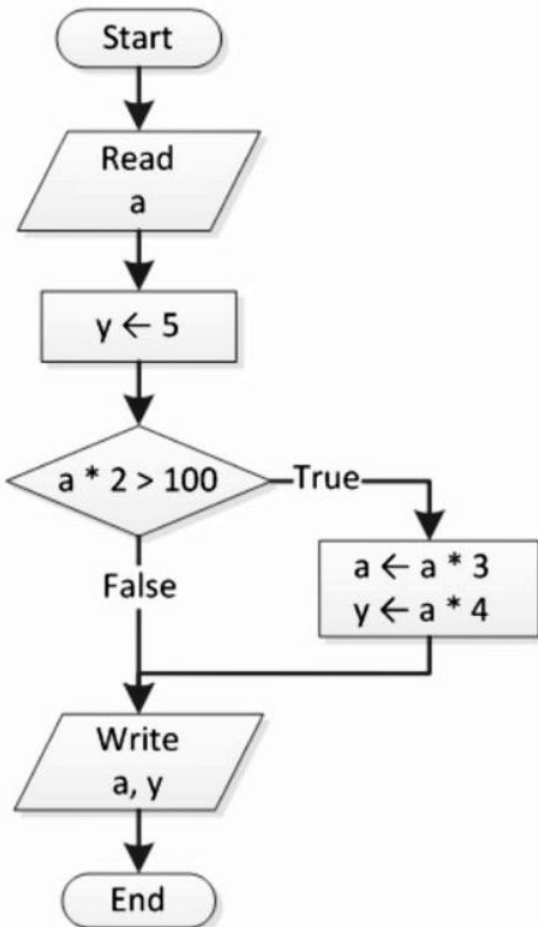
Select one:

○ a. diamond (معين)

○ b. parallelogram (متوازي الاضلاع)

○ c. Oval (شكل بيضوي)

○ d. rectangle (مستطيل)

Previous page | Next page

Previous activity

← Quiz One -Ch1 and Ch2

Jump to... ▲▼

If a = 100, what is the الناتج) of the flowchart?

Select one:

- a. 100, 5
- b. 100, 300
- c. 300, 400
- d. 300, 1200

Clear my choice

Write a Problem Analysis Chart (PAC) to find an area of a circle where area = pi * radius * radius

أكمل مخطط تحليل المشكلة (PAC) لحساب مساحة الدائرة حيث المساحة =

Data	Processing	Output
radius	area = 3.14 x radius x radius	area

Programming methodology-solving real time problems

Programming methodology-solving real time problems

Drag the words into the correct boxes

Based on programming methodology, the correct step-sequence to solve real life problems are

1- Analysing the pro...

2- Planning for soft...

3- Controlling the d...

✓ Check

marks, employees salary, health care, and transportation problems.
Logical ✔ methodology is the most proper to be used

If you asked to develop student registration system (student data maintenance: student courses, passed courses, average, and student rank).
Functional ✔ methodology is the most suitable one.

If you asked to develop student management system, where student registration and student financial are entities. Object ✔ methodology is the most proper one

5/7

👁 Show solution   C Retry

The _____ creates an object in memory and returns a reference to that object.

Select one:

○ a. % operator

○ b. .NET Framework

○ c. = operator

◉ d. new operator　　　✔

The correct answer is:
new operator

How would the following method header be represented in a UML class diagram?

```
public void DisplayMessage(
```

- ● a. + DisplayMessage(✔
courseName: string)

- b. + DisplayMessage()

- c. + DisplayMessage(
courseName)

- d. + DisplayMessage(string
)

The correct answer is: +
DisplayMessage(courseName:
string)

Match the following

Public methods ✓	provide service
Public Variables ✓	violate encaps
Private variables ✓	enforce encap

Keyword 'this' is used to reference :

Select one:

a. the object itself.

b. the entry point of the program.

c. what the programmer specified.

d. the method itself ✗

The combination of a method name and its parameter list is also called the _____.

Select one:

◉ a. method signature   ✔

○ b. method header

○ c. argument list

○ d. method body

The correct answer is: method signature

A variable that is used to reference an object is commonly called a (n) _____.

Select one:

- a. class variable
- b. Boolean variable
- ● c. reference variable ✖
- d. object variable

The correct answer is: class variable

1. Based on the below UML diagram, write the implementation code to represent each class?

2. in the main method of Booktest class create:

- an Author object named a1 with following information (first name is Ali and last name is Romman)
- a Book object named book1 with

To call a static method, use the _____ name followed by a period, and the method with its arguments.

a. instance variable's

b. namespace's

c. class's ✔

d. All of these

The correct answer is: class's

A value-returning statement must have a(n) _____ statement.

Select one:

○ a. logical

○ b. assignment

● c. return   ✔

○ d. void

The correct answer is: return

Question 13

The _____
creates an object in
memory and returns a
reference to that
object.

Select one:

○ a. = operator

○ b. % operator

○ c. .NET Framework

● d. new operator ✔

The correct answer is:
new operator

Once you have created a `Random` object, you can call its _____ method to get a random integer number.

Select one:

○ a. `GenerateNumber`

○ b. `GetInteger`

○ c. `NextInteger`

◉ d. `Next`   ✔

The correct answer is: `Next`