

Solve the Following Questions:

[1-a] Discuss the main differences between Data, Information, Knowledge, and wisdom?

[1-b] Define the term "Computer", then discuss the different types of computers?

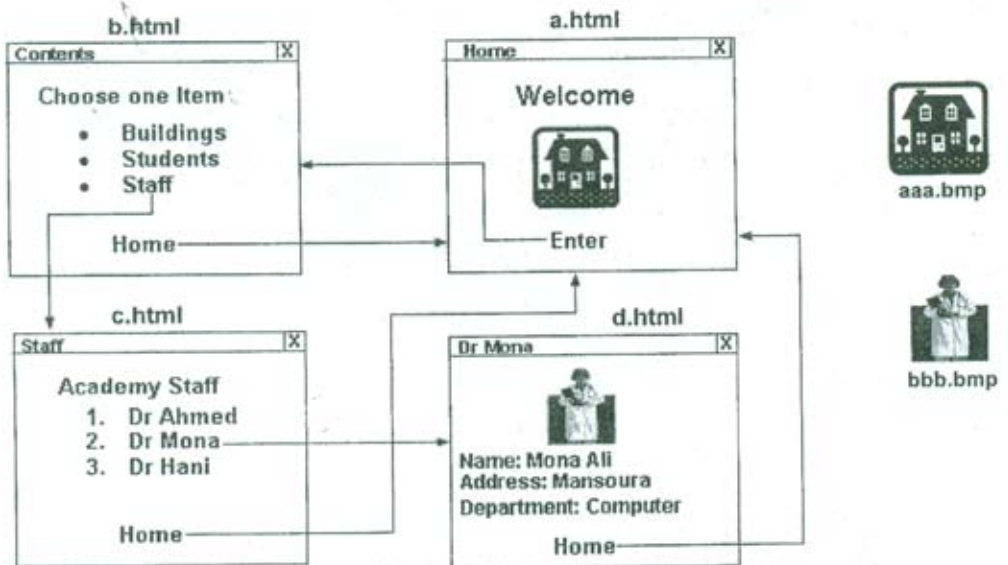
[1-c] Draw a chart showing all contents of computer system.

[2-a] Compare between the compiler and interpreter.

[2-b] Define Computer networks, discuss the different network benefits.

[2-c] Classify briefly networks according to scale.

[3] Write the HTML tags for the following site:



[4-a] What is the output of the following program when you run it

```
Dim x,y,z,sum as integer
```

```
X=10
```

```
Y=20
```

```
Z=30
```

```
If x>=y OR z<=y then console.WriteLine("welcome")
```

```
Sum=x+y+z
```

```
If z>=y AND x<y then
```

```
Console.WriteLine(sum)
```

```
Else
```

```
Console.WriteLine("bye")
```

```
End if
```

[4-b] Draw a flow chart to find the sum and average of ten numbers.

[4-c] Draw a flow chart to find the factorial of an integer number.

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[5-a] Write a program to print all prime ( عدد اولی ) numbers between 1 and 100.

[5-b] A company produces three types of TVs, a discount is applied to the TV price according to its size as shown in the following table.

Write a program to enter the TV size and its price, then print the new price after applying the discount.

Size	Discount
<=15 "	5%
16" → 20"	7%
>20"	10%

With Best Wishes