**CYP session 1 – page 37:**

1. C allows \_synthesis\_\_ of code and data
2. A \_\_flowchart\_\_\_\_ is a diagrammatic representation that illustrates the sequence of
3. operations to be performed to arrive at a solution.
4. Flowcharts help us review and debug programs easily. (True / False)
5. A flowchart can have any number of start and stop points. (True / False)
6. A \_loop\_\_ is basically the execution of a sequence of statements until a particular condition is True or False.

**Try it yourself – page 38**

1. Write a pseudo code and draw a flowchart to accept a value in degrees Celsius and to convert it into Fahrenheit. [Hint: C/5 = (F-32)/9]

|  |  |
| --- | --- |
| Start  Input C-degree  F-degree = C\*9/5 + 32  Print F-degree  Stop |  |

1. Write a pseudo code and flowchart to accept a student’s marks in Physics, Chemistry, and Biology. The total of these marks as well as the average should be displayed

|  |  |
| --- | --- |
| Start  Input physics, chemistry, biology  Total = physics+ chemistry+ biology  Average = total /3  Print Total, Average  Stop |  |

32 keywords of C-language:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| auto | break | else | default | double | for | do | long |
| sizeof | switch | char | float | void | while | if | return |
| int | continue | static | union | signed | extern | short | register |
| unsigned | goto | struct | volatile | case | typedef | const | enum |