# Bucaramanga 17 - 08 - 2024

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# GET READY!

1. Before you read the passage, talk about these Questions:
   * What are some steps in the process of creating software? In the process of creating new software, people need to find some information about the project that is going to start. They need too, talk with the customer to know about specific information to make this possible.
   * What are some responsibilities of a software engineer? Make sure that Project going to functional, that customer like it, that resources will be optimal.

# READING

1. Read the courses description. Then, choose the correct answers
   * What is NOT included in the course? **A** How to write software
   * What will the students do for each other? **D** Evaluate performance
   * What is true of the programing-in-the-small Project? **B** It involves small groups of students

# VOCABULARY

1. Match the words with the definitions
   * **A** To form letter and words into sentences or instructions (**4** Write)
   * **B** To plan the way that something will be created (**5** Design)
   * **C** To bring something from initial conception to action or implementation (**6** Develop)
   * **D** To carefully study something and assess its qualities (**1** Evaluate)
   * **E** To operate something to see whether it works (**8** Test)
   * **F** To put something into the place where it will function (**7** Install)
   * **G** To get more information about something (**3** Investigate)
   * **H** The programs that perform particular function son a computer (**2** Software)
2. Choose the sentence that uses the underlined part correctly
   * **A** Programing-in-the-small often creates les complex software (Question 1)
   * **B** Students are working on programing-in-the-large to create a program with many levels and functions (Question 2)
3. Listen and read the course description again. What is the difference between programing-in- the-large and programing-in-the-small: The class will be divide in small groups to make the programing-in-the-small vs the whole class going to programing-in-the-large

# LISTENING

1. Listen to a conversation between a student and instructor. Mark the following statements as true (**T**) or false (**F**)
   * The woman recommends programing-in-the-large (**T**)
   * The man enjoys investigating problems (**T**)
   * The man is nervous about working in groups (**F**)
2. Listen again and complete the conversation
   * Software engineering
   * Programing-in-the-large
   * Investigate problems
   * Be hard
   * Evaluate
   * Sounds like

# SPEAKING

1. With a partner, act out the roles below based on task 7. Then, switch roles
   * **A:** Well instructor, I am really interested in studying a career in software engineering. But I do not how challenging it can be.
   * **B:** Yes, sometimes it could be hard. But others, can be so rewarding. It is all about patient and passion.
   * **A:** Oh, I guess so. Well, now I feel more comfortable knowing that, instructor
   * **B:** I am happy to hear you. You are a good student, and software engineering needs more students like you
   * **A:** Yes, you are right, instructor. I am going to do my best
   * **B:** That is the attitude, apprentice

# WRITING

1. Use the conversation from task 8 to complete a career advice webpages Is Software Engineering right for you?

Rewards

* + Engineers can be creative and have good problem solving
  + The job comes with opportunities for competitive salaries and a high demand for professionals

Challenges

* + It can be hard to adapt to the initial learning curve
  + Engineers must be constantly updating themselves