**Function returning and switch case**

**void main() {**

**// Call the function and pass the returned function**

**interviewQuestion('designer')('mark');**

**}**

**// Function that returns another function based on the job title**

**Function(String) interviewQuestion(String job) {**

**switch (job) {**

**case 'teacher':**

**return (String name) {**

**print('What subject do you teach, $name?');**

**};**

**case 'designer':**

**return (String name) {**

**print('$name, can you please explain what UX design is?');**

**};**

**default:**

**return (String name) {**

**print('Hi $name. How are you doing today?');**

**};**

**}**

**}**

**Explanation:**

1. **Function Factory:**
   * **JavaScript:** interviewQuestion(job) returns a function based on the job parameter.
   * **Dart:** interviewQuestion(String job) returns a Function(String) that takes a String and returns void.
2. **Switch Statement:**
   * **JavaScript:** Uses switch to determine which function to return.
   * **Dart:** Uses switch similarly to return the appropriate function.
3. **Function Call:**
   * **JavaScript:** interviewQuestion('designer')('mark') calls the returned function immediately.
   * **Dart:** interviewQuestion('designer')('mark') does the same, calling the returned function with 'mark'.
4. **Printing Results:**
   * **JavaScript:** Uses console.log().
   * **Dart:** Uses print().
5. **Function Types in Dart:**
   * Dart allows defining functions as types. Function(String) denotes a function that takes a String argument and returns void.