Q1. Write a PHP regular expression pattern that matches a string that satisfies the following description: The string must begin with the (uppercase) letter A. Any three alphanumeric characters must follow. After these, the letter B (uppercase or lowercase) must be repeated one or more times, and the string must end with two digits.

Ans: The PHP regular expression pattern that matches a string that satisfies the given condition is as follows:

"/^A[[:alnum:]]{3}[bB]{1,}.[0-9]{2,}$/"

The regular expression that starts with ("/) and ends with (/")

The code ^A means the string must start with alphabet A

The code[[:alnum:]]{3} means the string contains 3 alpha numerical characters

The code [bB]{1,} means the string must be followed with an alphabet b or B must be repeated one or more times

The code .[0-9]{2,}$ means the string must end with 2 digits.