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Prodi : Sains Data

1. a. Foor Loop

b. While Loop

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**Substitution of the second o
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c. Do While Loop

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Ober Poer Contributions on 2 M mans)

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| Clother to and Bloches to help you code faintree sincludes (dost reams)
| Int main() {
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2. a. XXX dan bbb
    b. 9
    c. c
3. a. #include <iostream>
    bool IsLowercaseAlphabet(char ch) {
      return (ch >= 'a' && ch <= 'z'); // memeriksa apakah ch berada dalam rentang 'a' hingga 'z'
    int main() {
      char c;
      std::cout << "Masukkan karakter: ";</pre>
      std::cin >> c;
      if (IsLowercaseAlphabet(c)) {
         std::cout << c << " adalah huruf kecil alfabet." << std::endl;
      } else {
         std::cout << c << " bukan huruf kecil alfabet." << std::endl;
      return 0;
    b. #include <iostream>
    bool IsVokal(char ch) {
      switch (ch) {
         case 'a':
         case 'e':
         case 'i':
         case 'o':
         case 'u':
            return true; // Jika karakter adalah vokal
            return false; // Jika bukan vokal
    }
    int main() {
      char c;
      std::cout << "Masukkan karakter: ";
      std::cin >> c;
      if (IsVokal(c)) {
         std::cout << c << " adalah vokal." << std::endl;
      } else {
         std::cout << c << " bukan vokal." << std::endl;
      return 0;
```

```
a. string cars [4] = {"volvo","BMW","Ford","Mazda",};
b. string food = "pizza";
string*ptr = $food;
```