```cpp
int main(){
/**
*    std::string str{"90/786"};
*    std::string str2{"9/786"};
*    std::regex re{"[0-9]*[[0-9][+-*\\][[0-9][+*-\\]*"};
*
*    if(std::regex_match(str, re)){
*        std::cout << "It is a match\n";
*    }
*/

    std::string str{R"(hello my name is 509/9 some 90+5 76*2)"};
   /** std::string str2[]{};
   * std::string token;
   * std::stringstream ss{str};
   * while(std::getline(ss,token, '\n')){
   *     str2->push_back(token);
   * }
   */
    std::regex pattern{"\\d+\\s*[\\+\\-\\*/]\\s*\\d+"}; // regex pattern to match math expressions
    std::regex patterns{R"(\d+\s*[\+\-\*/]\s*\d+)"}; // regex pattern to match math expressions using Raw string

    std::smatch match;
    while (std::regex_search(str, match, patterns)) {
        std::cout << match.str() << '\n';
        str = match.suffix();
    }

    return 0;
}
```