

(1) #include <iostream>  
using namespace std;

```
int main () {  
    int marks [5];  
    float agg, perc;  
  
    for (int i=0; i<5; i++) {  
        cout << "Enter marks of " << i << " subject";  
        cin >> subject >> marks [i];  
    }  
  
    agg = ((marks [0] + marks [1] + marks [2] + marks [3]  
           + marks [4]) / 5);  
  
    perc = (((marks [0] + marks [1] + marks [2] + marks [3]  
           + marks [4]) / 500) * 100);  
  
    cout << "Aggregate marks are : " << agg << endl;  
    cout << "Percentage obtained : " << perc << endl;  
  
    return 0;  
}
```

(2)

```
#include <iostream>
using namespace std;
```

```
int main() {
```

```
    int num, A, B, C, D, E, sum;
```

```
    cout << "Enter a five digit number : " << endl;
    cin >> num;
```

~~A = num % 100;~~

~~num = num / 100;~~

~~B = num % 10;~~

~~num = num / 10;~~

~~C = num % 10;~~

A = num % 10;

num = num / 10;

B = num % 10;

num = num / 10;

C = num % 10;

num = num / 10;

D = num % 10;

num = num / 10;

E = num % 10;

sum = A + B + C + D + E;

```
cout << "The sum of 5 digits is : " << sum << endl;
```

return 0;

}

(3) #include &lt;iostream&gt;

using namespace std;

class AltSum {

public :

~~private:~~

int AltDigisum () {

int num, place[6], sum;

cout << "Enter 6 digit no. " << endl;  
cin >> num;

for (int i=0; i&lt;6; i++) {

place[i] = num % 10;

num = num / 10;

}

~~for (int i=0; i<6; i++)~~cout << "Output: " << place[0] << "+" << place[2] << ", "  
<< place[1] << "+" << place[3] << ", "  
<< place[2] << "+" << place[4] << ", "  
<< place[3] << "+" << place[5] << endl;

};

int main () {

AltSum a;

a. AltDigisum();

Prajapati Yash, P. 2105 20162121023 (CBDA2)

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} return 0;

(4)

#include &lt;iostream&gt;

using namespace std;

int main() {

~~int i, j;~~

int count, A = 0;

cout &lt;&lt; "First ten prime numbers are : " &lt;&lt; endl;

for (i=3; i&gt;0; i++) {

for (j=2; j&lt;=i/2; j++)

{

if (i%j == 0) {

A = 1;

break;

}

}

if (A == 0)

{

cout &lt;&lt; "\n" &lt;&lt; i;

count++;

}

A = 0;

if (count == 10)

break;

}

return 0; }

(5) #include <iostream>  
using namespace std;

class Calc {

public:

Reverse() {

int num, reverse=0, n;

cout << "Enter a 5 digit number: " << endl;  
cin << num;

while (num != 0)

{

n = num % 10;

reverse = reverse \* 10 + n;

num = num / 10;

y

cout << "Reversed number is : " << reverse << endl;  
return reverse;

}

int RevSum (int reverse) {

int A, B, C, D, E, sum, rev;

rev = reverse;

~~DE reverse~~

A = rev / 10;

rev = rev / 10;

B = rev % 10;

rev = rev / 10;

$$C = \text{rev} \% 10;$$

$$A = \text{rev} / 10;$$

$$D = A \% 10;$$

$$B = A / 10;$$

$$E = B \% 10;$$

$$\text{sum} = A + B + C + D + E;$$

cout << "The sum of reversed number is: " << sum << endl;

3  
\* } ;

obj

int main () {

Calc obj.

obj.Reverse();

obj.Revsum(reverse);

return 0;

}  
X — X —

X — X —