C++ lab

1) #include <iostream>

using namespace std;

int main()

{

int a=14;

int b=a%2;

if (b==0)

{

cout<<"Even number";

}

else

cout<<"odd";

return 0;

}

2) #include <iostream>

using namespace std;

int main()

{

int i=100;

while(i!=0)

{

if(i%3==0)

cout<<i;

cout<<"\t";

i--;

}

return 0;

}

3) int main()

{

string dna="";

cout<<"Enter a String DNA";

cin>>dna;

int i= dna.length();

while(i>=0)

{

cout<<dna[i];

i--;

}

return 0;

}

4) #include <iostream>

using namespace std;

int main()

{

int m1[2][3]={{12,11, 10}, {55,15,1}};

int m2[2][3]={{22,33, 15},{77, 33, 10}};

int sum[2][3];

{

for(int i=0; i<=1; i++)

{

for(int j=0; j<=2; j++)

{

sum[i][j]=m1[i][j]+m2[i][j];

cout<<sum[i][j]<<"\t";

}

cout<<"\n";

}

}

return 0;

}

5) #include <iostream>

using namespace std;

int main()

{

int a=27;

int b=15;

int n;

cout<<"Enter a number from 1 to 4 to perform aritmatic operation"<<"\n";

cin>>n;

switch(n)

{

case 1:cout<< a+b;

break;

case 2: cout<<a-b;

break;

case 3: cout<<a\*b;

break;

case 4: cout<<a/b;

break;

default: cout<<"wrong input";

break;

}

return 0;

}

6) #include <iostream>

using namespace std;

int powfun(int x , int y)

{

int c;

for(int i=1; i<=y; i++)

{

c= x\*x;

}

return (c);

}

int main()

{

int num1= 2;

int num2=2;

int p=powfun(num1,num2);

cout<<"the result is:"<<p;

return 0;

}