**Hanzla Saeed**

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**SMME(section c )**

**1 Semester**

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***LAB MANUAL 4 HOME TASK***

**Q#1**

#include<iostream>

using namespace std;

int n=0;

int main()

{

while(n<150)

{n++;

if(n%10==0) continue;

cout<<n<<",";

}

cout<<" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ "<<endl;

return 0;

}

**Q#2**

#include<iostream>

using namespace std;

int a;

int b=0;

int main()

{

cout<<"entert any number "<<endl;

cin>>a;

while(a!=0)

{

b = b+ a % 10;

a = a / 10;

}

cout<<"sum of digits of your number is:"<<b<<endl;

return 0;

}

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**Q#3**

#include<iostream>

using namespace std;

int x;

int y;

int main()

{cout<<"enter any positive number"<<endl;

cin>>x;

y=2;

while(x>y)

{if(x%y==0){cout<<"'"<<x<<"' is not a prime number"<<endl;

return 0;

}

y++;

}

cout<<"'"<<x<<"' is a prime number"<<endl;

return 0;

}

**The End**

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