**Blockchain Essentials**

**Project**

**Batch 1**

**Shweta Anand**

**Code:**

pragma solidity ^0.4.21 < 0.6.12;

contract EthereumReportcard{

string public name;

uint public rollno;

string public status;

uint public batch;

uint subj1;

uint subj2;

uint subj3;

uint subj4;

constructor(string newName,uint newRollno,uint newBatch,uint m1,uint m2,uint m3,uint m4)public{

name = newName;

rollno = newRollno;

batch = newBatch;

//Take marks out off 50 for respective subjects

subj1 = m1;

subj2 = m2;

subj3 = m3;

subj4 = m4;

uint result = subj1 + subj2 + subj3 + subj4;

//Final Result will be taken out off 200

if(result < 100){

status = "Fail";

}

else {

status = "Pass";

}

}

function getDetails()public view returns(string,uint,string,uint){

return(name,rollno,status,batch);

}

}