**Blockchain Essentials Project**

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**Batch 1**

pragma solidity ^0.4.21 < 0.6.12;

contract Report\_Card4students{

string public name;

uint public rollno;

uint public batch;

string public status;

uint subject1mark;

uint subject2mark;

uint subject3mark;

uint subject4mark;

constructor(string newName,uint newRollno,uint newBatch,uint mark1,uint mark2,uint mark3,uint mark4)public{

name = newName;

rollno = newRollno;

batch = newBatch;

//we need to give marks out off 100 for each subjects

subject1mark = mark1;

subject2mark = mark2;

subject3mark = mark3;

subject4mark = mark4;

uint result = subject1mark + subject2mark + subject3mark + subject4mark;

//Total Result should be out off 400

if(result < 200){

status = "Fail";

}

else {

status = "Pass";

}

}

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

return(name,rollno,batch,status);

}

}