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SUBJECT: PROGRAMMING FUNDAMENTALS

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ANS 1: `//#include <stdio.h>`

```
#include<iostream>
using namespace std;
int main()
{
    char transaction ='y';
    unsigned long amount=1000,  withdraw;
    int choice, pin;
//    cout<<"ENTER YOUR SECRET PIN NUMBER: ";

    do
    {
        cout<<"*****Welcome to ATM Service*****\n";
        cout<<("1. Withdraw Cash\n");
        cout<<("2. Balance Inquiry\n");
        cout<<("4. Exit\n");
        ("*****?*****?\n\n");
    cout<<"Enter your choice: \n";
        cin>>choice;
        switch (choice)
        {
```

case 1:

```
cout<<"\n ENTER THE AMOUNT TO WITHDRAW: ";
cin>>withdraw;
if (withdraw % 100 != 0)
{
cout<<"\n PLEASE ENTER THE AMOUNT IN MULTIPLES OF 100";
}
else if (withdraw >(amount - 500))
{
    cout<<"\n INSUFFICIENT BALANCE";
}
else
{
    amount = amount - withdraw;
    cout<<"\n\n PLEASE COLLECT CASH";
    cout<<"\n YOUR CURRENT BALANCE IS%lu", amount;
}
break;
```

case 2:

```
cout<<"\n YOUR BALANCE IN Rs :"<<amount;
break;
```

case 3:

```
cout<<"\n THANK U USING ATM";
break;
```

default:

```
cout<<"\n INVALID CHOICE";
```

```
}
```

```
cout<<"\n\n\n Are You Shure You Want to Exit? (y/n): \n";
```

```
cout<<"\n\n THANKS FOR USING OUT ATM SERVICE";
```

```
}  
while (pin != 1520);  
    cout<<"ENTER YOUR SECRET PIN NUMBER:";  
    cin>>pin;  
    if (pin != 1520)  
        cout<<("PLEASE ENTER VALID PASSWORD\n");  
}
```