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Sub → Java (2021)
Programming.

①

Course → MCA-B

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Ans → 2 → 'import java. io.*';

import java. lang.*;

class LessBalanceException extends

Exception.

{

LessBalanceException(double amt)

{

System.out.println("alert drawing "+amt+" is invalid");

}

class Account.

{

static int count = 0;

int acc.no;

double bal;

String name;

Account(double bal, String n, int acc.no)

{

System.out.println("New Account opened.");

this.bal = bal;

count++;

System.out.println("Account Holder Name: "+n);

name = n;

key

System.out.println ("Your acc. no is " + acc.no); (2)
this.acc.no = acc.no);

~~total~~ System.out.println ("Total. n of accounts: " + count);
}

void deposit (double amt)

{
System.out.println ("Available Balance: " + bal);

bal = bal + amt;

System.out.println ("RS" + amt + "/- created")

System.out.println ("Balance: " + bal);

}

void withdraw (double amt) throws less Balance Exception,
?

System.out.println ("Available Balance: " + bal);

bal -= amt;

if (bal < 500)

{

bal += amt;

throw new less Balance Exception (amt);

}

System.out.println ("RS: " + amt + " / Debitd.");

System.out.println ("Balance: " + bal);

}

void balance ()

{

System.out.println ("Enter info");

Ref.

(3)

```
System.out.println(" - - - - -"),  
System.out.println("Customer Name: " + name),  
System.out.println("Acc. No: " + accno),  
System.out.println("Balance: " + bal),  
}
```

class AccountDemo,

{

static int c = 0;

public static void main (String arg[]) {

throws IOException,

{ Account obj[] = new Account [10],

double cent,

String name;

int ch, accno, k;

boolean t = false;

while (true)

{

System.out.println("Bank Transactions"),

System.out.println("1. Open New Account & Report"),

System.out.println("3. Withdraw, 4. Balance, 5. Exit"),

System.out.print("Enter your choice ");

ch = Integer.parseInt (sc.nextLine());

switch (ch)

bal

Case 1:

(4)

```
System.out.println("Open New Account:");
System.out.print("Enter your name: ");
System.out.print("Enter Acc No: ");
accno = Integer.parseInt(br.readLine());
System.out.print("Enter initial amount (to be > 500): ");
amt = Double.parseDouble(br.readLine());
if (amt < 500)
    System.out.println("You cannot create account with less
        than Rs 500");
else
{
    obj[i] = new Account(amt, name, accno);
    i++;
}
}
break;
```

Case 2:

```
System.out.print("Enter Acc No: ");
accno = Integer.parseInt(br.readLine());
for (k=0; k<i; k++)
    if (accno == obj[k].accno)
    {
        del = true;
        break;
    }
}
```

Key:

(5)

```
Case 3 → System.out.print("Enter Acc. No:");  
acc.no = Integer.parseInt(br.readLine());  
for (k=0; k<i; k++)  
if (acc.no == ob[k].acc.no)  
{  
    t = true;  
    break;  
}  
}
```

```
Case 4. System.out.print("Enter Acc No:");  
acc.no = Integer.parseInt(br.readLine());  
for (k=0; k<i; k++)  
if (acc.no == ob[k].acc.no)  
{  
    t = true;  
    break;  
}  
}
```

```
else,  
System.out.print("\nInvalid Acc Number!!");  
t = false;  
break;
```

```
Case 5;  
System.exit(0);  
default System.out.print("\nInvalid choice!!!");  
}
```

Raf