

```
/* Program Name :- Write A C Programm For ATM Transaction .  
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Date :- 01/05/2021 */
```

```
#include<stdio.h>  
int main ()  
{  
    int x,y,no,n,p1,p2;  
    int pin=0,temp=0,count=0,caunt=0;  
    printf(" Welcome...\n");  
    printf("Swipe Your Card \n");  
    printf("Then...\n");  
    printf("Enter Your 4 Digit ATM Pin : \a");  
  
    p : if(count < 3)  
    {  
        scanf("%d",&p1);  
        temp=p1;  
        int cnt=0;  
  
        if(p1>0)  
        {  
            while(p1!=0)  
            {  
                pin=p1%10;  
                cnt++;  
                p1=p1/10;  
            }  
            p1=temp;  
            if(cnt==4)  
            {  
                int am=0;  
                printf("Enter Initial Amount : \a");  
                amount: if(am < 3)  
                {  
                    scanf("%d",&x);  
                    if(x>0)  
                    {  
                        printf("\n\t 1 : For Credit \n \t 2 : For Debit \n \t 3 : For Balance \n \t 4 : cancel Operation \nEnter the operation number which you want to perform : \a");  
                        main :if(caunt< 3)  
                        {  
                            scanf("%d",&no);  
                            switch(no)  
                            {  
                                case 1 :  
                                    printf("Enter Credit Amount : \a");  
                                    scanf("%d",&y);  
                                    if(y>0)  
                                    {  
                                        x=x+y;  
                                        printf("Total Balance : %d ", x);  
                                    }  
                                }  
                            }  
                        }  
                    }  
                }  
            }  
        }  
    }  
}
```

```

    }
else
    {
        printf("Invalid Credit...\a");
        return 0;
    }
break;

```

case 2 :

```

printf("\n\t 1 : 200 \t\t 2 : 500 \n\t 3 : 1000 \t\t 4 : 2000 \n\t 5 : 5000 \t\t 6 : 10000 \n\t\t 7 : Enter Amount \n\t\t 8 : Cancel Transaction \nEnter
the number which Amount you want to debited : \a");

```

```

int menue=0;

```

```

menue : if(menue< 3)

```

```

{

```

```

    scanf("%d",&n);

```

```

    switch(n)

```

```

    {

```

```

        case 1 :

```

```

            printf("Enter Your ATM Pin : \a");

```

```

            int chance = 0;

```

```

            ab : if(chance < 3)

```

```

            {

```

```

                scanf("%d",&p2);

```

```

                if(p1 == p2)

```

```

                {

```

```

                    if(x>=200)

```

```

                    {

```

```

                        printf("Rs 200 is successfully Debited from your account \n");

```

```

                        printf("Collect Your Cash ");

```

```

                        x=x-200;

```

```

                        printf("\nRemaining Balance : %d ",x);

```

```

                    }

```

```

                    else

```

```

                    {

```

```

                        printf("Insuficient Balance in your account");

```

```

                    }

```

```

                }

```

```

            else

```

```

            {

```

```

                printf("Invalid Pin ");

```

```

                chance++;

```

```

                goto ab;

```

```

            }

```

```

        }

```

```

    else

```

```

    {

```

```

        printf("WARNING...\a");

```

```

        return 0;

```

```
    }  
    break;
```

```
case 2 :  
    printf("Enter Your ATM Pin : \a");  
    int a=0;  
a : if(a < 3)  
    {  
        scanf("%d",&p2);  
        if(p1 == p2)  
        {  
            if(x>=500)  
            {  
                printf("Rs 500 is successfully Debited from your account ");  
                printf("Collect Your Cash ");  
                x=x-500;  
                printf("\nRemaining Balance : %d ",x);  
            }  
            else  
            {  
                printf("Insuficient Balance in your account");  
            }  
        }  
        else  
        {  
            printf("Invalid Pin \a");  
            a++;  
            goto a;  
        }  
    }  
    else  
    {  
        printf("WARNING...\a");  
        return 0;  
    }  
    break;
```

```
case 3 :  
    printf("Enter Your ATM Pin : \a");  
    int b=0;  
b : if(b < 3)  
    {  
        scanf("%d",&p2);  
        if(p1 == p2)  
        {  
            if(x>=1000)  
            {
```

```

        printf("Rs 1000 is successfully Debited from your account ");
        printf("Collect Your Cash ");
        x=x-1000;
        printf("\nRemaining Balance : %d ",x);
    }
    else
    {
        printf("Insuficient Balance in your account");
    }

}
else
{
    printf("Invalid Pin \a");
    b++;
    goto b;
}
}
else
{
    printf("WARNING...\a");
    return 0;
}
break;

```

case 4 :

```

printf("Enter Your ATM Pin : \a");
int c=0;
c :if(c < 3)
{
    scanf("%d",&p2);
    if(p1 == p2)
    {
        if(x>=2000)
        {
            printf("Rs 2000 is successfully Debited from your account ");
            printf("Collect Your Cash ");
            x=x-2000;
            printf("\nRemaining Balance : %d ",x);
        }
        else
        {
            printf("Insuficient Balance in your account");
        }
    }
}
else
{
    printf("Invalid Pin \a");
    c++;
    goto c;
}

```

```

    }
}
else
{
    printf("WARNING ...\a");
    return 0;
}
break;

```

case 5 :

```

printf("Enter Your ATM Pin : \a");
int d=0;
d : if(d < 3)
{
    scanf("%d",&p2);
    if(p1 == p2)
    {
        if(x>=5000)
        {
            printf("Rs 5000 is successfully Debited from your account ");
            printf("Collect Your Cash ");
            x=x-5000;
            printf("\nRemaining Balance : %d ",x);
        }
        else
        {
            printf("Insuficient Balance in your account");
        }
    }
}
else
{
    printf("Invalid Pin \a");
    d++;
    goto d;
}
}
else
{
    printf("WARNING ...\a");
    return 0;
}
break;

```

case 6 :

```

printf("Enter Your ATM Pin : \a");
int e=0;
e : if(e < 3)
{

```



```

        x=x-y;
        printf("\nRemaining Balance : %d",x);
    }
    else
    {
        printf("Insuficient Balance in your account");
    }
}

else
{
    printf("Please Enter Amount Above 100 : \a");
    goto amt;
}
}

else
{
    printf("You Entered Amount is Invalid please Enter valied amount : \a");
    goto amt;
}
}

else
{
    printf("Invalid Pin \a");
    amt++;
    goto pin;
}
}

else
{
    printf(" Invalid amount \a");
    amt++;
    goto amt;
}
}

else
{
    printf("WARNING...\a");
    return 0;
}

break;

case 8 :
    break;

default :
    printf("Invalid operation ");
    menue++;
    goto menue;
}

```

```

                                break;
                            }
                        else
                        {
                            printf("WARNING...");
                            return 0;
                        }

                    case 3 :
                        printf("Amount in your account is Rs %d \a",x);
                        break;

                    case 4 :
                        break;

                    default :
                        printf("Invalid operation \a");
                        caunt++;
                        goto main;
                }
            }
        else
        {
            printf("WARNING...");
            return 0;
        }
    }
else
{
    printf("Invalid Initial Amount \a");
    am++;
    goto amount;
}
}
else
{
    printf("WARNING..\a");
    return 0;
}
}
else
{
    count++;
    printf("Invalid Pin \a");
    goto p;
}
}
else
{
    count++;
    printf("Invalid Pin \a");

```



```
        goto p;
    }
}
else
{
    printf("WARNING...\a");
    return 0;
}

printf("\n Thank You For Visit \n Visit Again \n Have A Nice Day ...\n");
return 0;
}
```