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Subject: Programming fundamentals

20 Marks Assignment for Summer semester

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```
#include <stdio.h>
#include <stdlib.h>
```

```
unsigned long amount=1000, deposit, withdraws;
int choice, pin, k;
char transaction='y';
```

```
void main()
```

```
{
```

```
while (pin != 1520)
```

```
printf("Enter your secret pin number");
```

```
scanf("%d", &pin);
```

```
if (pin != 1520)
```

```
printf("please enter valid password\n");
```

```
do
```

```
{
```

```
printf("welcome to AWESOME BANK\n");
```

```
printf("1- withdraw\n");
```

```
printf("2- Balance inquiry\n");
```

```
printf("3- Exit\n");
```

```
printf("*****\n\n");
```

```
printf("please enter your choice: ");
```

```
scanf("%d", &choice);
```

```
switch (choice)
```

```
{
```

case 1:
printf ("Your Balance in Rs : %lu",
amount);
break;

case 2

printf ("Please enter the amount
in PKR ");

scanf ("%lu", &withdraw);

if (withdraw % 100 != 0)

{
printf ("Please enter the amount ");

}

else if (withdraw > (amount - 500))

{
printf ("Insufficient Balance ");

}

else

amount = amount - withdraw;

printf ("Please collect cash ");

printf ("Your balance is ", amount);

}

break;

case 3:

printf ("Enter the amount to
deposit ");

scanf ("%lu", &deposit);

amount = amount + deposit; 3
printf("Your balance is ", amount);
break;

Case 4:
printf("\n ~~Thank you!~~ Thank you! \n");

break;

default:
printf("\n Invalid choice");

}
printf("\n\n You are sure want to
exit? (y/n) : \n");

fflush(stdin);

scanf("%c", &transaction);

if(transaction == 'n' || transaction == 'N')

k = 1;

} while(!k);

printf("\n\n Thank for using
Awesome BANK");

}