

```
35     {
36         pten=pten*10;
37     }
38     time++;
39 }while (x>=1);
40
41 pten=10;
42 while (time!=0)
43 {
44     Odegit=(Onumber%pten)/(pten/10);
45     Osum=Osum+(Odegit*Sbase);
46     pten=pten/10;
47     Sbase=Sbase*Obase;
48     time--;
49 }
50 while (Nsum<Osum) Nsum=Nsum*Nbase;
51 Nsum=Nsum/Nbase;
52 printf("The new number of base %ld is ",Nbase);
53 do
54 {
55     Nnumber=Osum/Nsum;
56     Ndegit=Nnumber%Nbase;
57     if (Ndegit==14) printf("E");
58     else if (Ndegit==13) printf("D");
59     else if (Ndegit==12) printf("C");
60     else if (Ndegit==11) printf("B");
61     else if (Ndegit==10) printf("A");
62     else printf("%ld",Ndegit);
63     Nsum=Nsum/Nbase;
64 }
65 while (Nsum>=1);
66 printf("\n\n");
67 }
```