

①

#include <stdio.h>

int main ()

{

int n1, n2, opt, ans;

do

{

printf ("Enter first number: ");

scanf ("%f", &n1);

printf ("Enter second number: ");

scanf ("%f", &n2);

printf ("\nChoose option: \n");

printf ("1. Addition\n2. Subtraction\n3. Multiplication\n4.

Division\n5. greater than\n6. lesser than\n7. greater than or

equal to\n8. lesser than or equal to\n9. equal to\n10. remainder

11. exit\n");

scanf ("%d", &opt);

if (opt == 11)

{

break;

}

switch (opt)

{

case 1: ans = n1 + n2;

printf ("sum is %d", ans); break;

case 2 : $ans = n1 - n2$;

printf("difference is %d", ans); break;

case 3 : $ans = n1 * n2$;

printf("product is %d", ans); break;

case 4 : $ans = n1 / n2$;

printf("quotient is %d", ans); break;

case 5 : if ($a > b$)

printf("true");

else printf("false"); break;

case 6 : if ($a < b$)

printf("true");

else printf("false"); break;

case 7 : if ($a \geq b$)

printf("true");

else printf("false"); break;

case 8 : if ($a \leq b$)

printf("true");

else printf("false"); break;

case 9 : if ($a == b$)

printf("true");

else printf("false"); break;

case 10 : $ans = n1 \% n2$;

printf("remainder is %d", ans); break;

case 11 : break;

default : printf("Invalid option\n"); break;


```
}  
}  
while (opt != 5);  
{  
return 0;  
}
```