```c
#include<stdio.h>
#include<string.h>
char op[2],arg1[5],arg2[5],result[5];
void main()
{
 FILE *fp1,*fp2;
 fp1=fopen("input.txt","r");
 fp2=fopen("output.txt","w");
 while(!feof(fp1))
 {

  fscanf(fp1,"%s%s%s%s",op,arg1,arg2,result);
  if(strcmp(op,"+")==0)
  {
   fprintf(fp2,"\nMOV R0,%s",arg1);
   fprintf(fp2,"\nADD R0,%s",arg2);
   fprintf(fp2,"\nMOV %s,R0",result);
  }
  if(strcmp(op,"*")==0)
  {
   fprintf(fp2,"\nMOV R0,%s",arg1);
   fprintf(fp2,"\nMUL R0,%s",arg2);
   fprintf(fp2,"\nMOV %s,R0",result);
  }
  if(strcmp(op,"-")==0)
  {
   fprintf(fp2,"\nMOV R0,%s",arg1);
   fprintf(fp2,"\nSUB R0,%s",arg2);
   fprintf(fp2,"\nMOV %s,R0",result);
  }
   if(strcmp(op,"/")==0)
  {
   fprintf(fp2,"\nMOV R0,%s",arg1);
   fprintf(fp2,"\nDIV R0,%s",arg2);
   fprintf(fp2,"\nMOV %s,R0",result);
  }
if(strcmp(op,"=")==0)
  {
   fprintf(fp2,"\nMOV R0,%s",arg1);
   fprintf(fp2,"\nMOV %s,R0",result);
  }
  }
  fclose(fp1);
  fclose(fp2);}
```

```c
#include<stdio.h>
#include<string.h>
void main(){
char icode[10][30], str[20], opr[10];
int i=0;
printf("\nEnter the set of intermediate code (terminated by exit):\n");
do{
scanf("%s", icode[i]);
}
while(strcmp(icode[i++],"exit")!=0);
printf("\nTarget code generation");
printf("\n******************");
i=0;
do{
strcpy(str,icode[i]);
switch(str[3]){
case '+':
strcpy(opr,"ADD");
break;
case '-':
strcpy(opr,"SUB");
break;
case '*':
strcpy(opr,"MUL");
break;
case '/':
strcpy(opr,"DIV");
break;

}

printf("\n\tMov %c,R%d", str[2],i);
printf("\n%s%c,,R%d", opr,str[4],i);
printf("\n\tMov R%d%c", i,str[0]);
}while(strcmp(icode[++i],"exit")!=0); }
```