

Question 1

```
#include <stdio.h>
int main(){
int marks;
printf("Enter the marks you want Grade");
scanf("%d",&marks);
if(marks>100 && marks<0){
printf("Marks cannot be graded above 100 and below 0");

}
else{
switch (marks/10)
{
case 10:
printf("A++");
break;
case 9:
printf("A++");
break;
case 8:
printf("A");
break;
case 7:
printf("B++");
break;

case 6:
printf("B");
break;

case 5:
printf("c++");
break;

case 4:
printf("C");
break;
case 3:
printf("D");
break;
case 2:
printf("F");
break;
default:
printf("F");

break;
}
```

```
}  
}
```

question 2

```
#include <stdio.h>  
int main(){  
printf("Enter the alphabet: ");  
char alphabet;  
scanf("%c",&alphabet);  
switch(alphabet){  
case 'a':  
printf("%c is vowel",alphabet);  
break;  
case 'e':  
printf("%c is Vowel",alphabet);  
break;  
case 'i':  
printf("%c is vowel",alphabet);  
break;  
case 'o':  
printf("%c is vowel",alphabet);  
break;  
case 'u':  
printf("%c is vowel",alphabet);  
break;  
default:  
printf("%c It is not a vowel \n",alphabet);
```

```
}  
return 0;  
}
```

question 3

```
#include <stdio.h>  
int main(){  
printf("Enter the amount you want to deposit");  
int amount;  
scanf("%d",&amount);  
if (amount>1000){  
printf(" Amount successfully Deposited: %d",amount);  
printf(" choose your options\n");  
printf(" 1 for credit\n 2 for debit \n 3 balance and enquiry \n");  
int option;  
scanf("%d",&option);  
switch (option)  
{
```

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```
case 1:
printf("Enter the amount you want to credit ");
int credit;
scanf("%d",&credit);
amount=amount+credit;
printf(" Now your balance is: %d",amount);
break;
case 2:
printf("Enter the amount you want to debit\n");
int debit;
scanf("%d",&debit);
amount=amount-debit;
printf(" You have debited Nu %d", debit);
printf(" Now your left balance is Nu %d",amount);
break;
case 3:
printf("You have choosen to check your balance and enquiry\n");
printf(" Your balance is your account is Nu %d",amount);

default:
printf("We dont have %d option \n",option);
break;
}
}
else{
printf("Your amount should more than 1000");
}

}
```

question 4

```
#include <stdio.h>
int main(a,b, c, d, e, f){
```

```
size_in_bit();
```

```
}
int size_in_bit(){
```

```
int a;
float b;
double c;
char d;
short e;
```

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```
long f;
```

```
printf(" The size of integer is :%ld ",sizeof(a));  
printf("Th size of float is: %ld",sizeof(b));  
printf("The size of double is: %ld",sizeof(c));  
printf("The size of char is: %ld",sizeof(d));  
printf("The size of short is : %ld",sizeof(e));  
printf("The size of long is : %ld",sizeof(f));  
}
```