RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop

$ cd Desktop

bash: cd: Desktop: No such file or directory

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop

$ mkdir assignment -v

mkdir: created directory 'assignment'

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop

$ cd assignment

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment

$

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment

$ git init

Initialized empty Git repository in C:/Users/RACHIT CHAUHAN/Desktop/assignment/. git/

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ ls -ah

./ ../ .git/

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ cd .git

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/.git (GIT\_DIR!)

$ ls

config description HEAD hooks/ info/ objects/ refs/

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/.git (GIT\_DIR!)

$ cd ..

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ git clone 'https://www.github.com/500060722/Basic-Programs.git'

Cloning into 'Basic-Programs'...

warning: redirecting to https://github.com/500060722/Basic-Programs.git/

remote: Counting objects: 43, done.

remote: Compressing objects: 100% (13/13), done.

remote: Total 43 (delta 6), reused 8 (delta 2), pack-reused 28

Unpacking objects: 100% (43/43), done.

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ ls

Basic-Programs/

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ cd Basic-Programs

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ ls

array\_operations.c bubble\_sorting.c class\_call\_by\_refrence.cpp constructors\_programs.cpp polymorphism.cpp

arrays.c calculator\_program.c class\_call\_by\_value.cpp linear\_search.cpp README.md

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ cat arrays.c

#include <stdio.h>

#include <stdlib.h>

int main()

{

char ch[100],k;

int i,j,noc;

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);

printf("Enter the characters in the array.\n");

for(i=0;i<j;i++)

{

scanf("%c",&ch[i]);

}

printf("The name entered in reverse is\n");

for(i=j-1;i>=0;i--)

{

printf("%c",ch[i]);

}

printf("Enter the character whose you had to find the specific count.\n");

scanf("%c",&k);

for(i=0;i<j;i++)

{

if(k==ch[i])

noc++;

}

printf("The specific count of the %c character is %d",k,noc);

return 0;

}

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ Makefile pro2.cpp

bash: Makefile: command not found

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ cd ..

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ cd ..

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop

$ mkdir project

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop

$ ls

'~$IT201654401.docx' '~$w Microsoft Word Document.docx' assignment/ course/ desktop.ini dt/ 'Play CS-GO.lnk'\* project/ 'Windows 10 Update Assistant.lnk'\* xebia/

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop

$ cd project

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/project

$ nano pro2.cpp

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/project

$ cd ..

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop

$ cd assignment

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ git diff

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment (master)

$ cd Basic-Programs

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ cat arrays.c

#include <stdio.h>

#include <stdlib.h>

int main()

{

char ch[100],k;

int i,j,noc;

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);

printf("Enter the characters in the array.\n");

for(i=0;i<j;i++)

{

scanf("%c",&ch[i]);

}

printf("The name entered in reverse is\n");

for(i=j-1;i>=0;i--)

{

printf("%c",ch[i]);

}

printf("Enter the character whose you had to find the specific count.\n");

scanf("%c",&k);

for(i=0;i<j;i++)

{

if(k==ch[i])

noc++;

}

printf("The specific count of the %c character is %d",k,noc);

return 0;

}

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff arrays.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ nano arrays.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: arrays.c

no changes added to commit (use "git add" and/or "git commit -a")

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

**diff --git a/arrays.c b/arrays.c**

**index ac4efad..31600dc 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -3,10 +3,10 @@

int main()

{

- char ch[100],k;

+ /\*char ch[100],k;^M

int i,j,noc;

printf("Enter the limit till which you want to enter the array");

- scanf("%d",&j);

+ scanf("%d",&j);\*/^M

printf("Enter the characters in the array.\n");

for(i=0;i<j;i++)

{

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ nano arrays.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: arrays.c

no changes added to commit (use "git add" and/or "git commit -a")

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

**diff --git a/arrays.c b/arrays.c**

**index ac4efad..918009c 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -3,11 +3,11 @@

int main()

{

- char ch[100],k;

+ /\*char ch[100],k;^M

int i,j,noc;

printf("Enter the limit till which you want to enter the array");

- scanf("%d",&j);

- printf("Enter the characters in the array.\n");

+ scanf("%d",&j);\*/^M

+ printf("Enter the characters in the array fuck off.\n");^M

for(i=0;i<j;i++)

{

scanf("%c",&ch[i]);

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

**diff --git a/arrays.c b/arrays.c**

**index ac4efad..918009c 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -3,11 +3,11 @@

int main()

{

- char ch[100],k;

+ /\*char ch[100],k;^M

int i,j,noc;

printf("Enter the limit till which you want to enter the array");

- scanf("%d",&j);

- printf("Enter the characters in the array.\n");

+ scanf("%d",&j);\*/^M

+ printf("Enter the characters in the array fuck off.\n");^M

for(i=0;i<j;i++)

{

scanf("%c",&ch[i]);

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ echo hello world

hello world

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git log

commit 1ee062af2a1713009bd993d9fda566e1a415a1ce (HEAD -> master, origin/master, origin/HEAD)

Author: bedabandhu sahoo <bedabandhusahoo@bedabandhus-MacBook-Air.local>

Date: Sun Feb 18 16:29:19 2018 +0530

New program

commit 3b7a817f9db9b9534cb15d6e9b63d9847db21424

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:11:42 2018 +0530

Update array\_operations.c

commit 246931247caeb11e07db57e05a65a0f8706936da

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:00:38 2018 +0530

Not working

commit 863c71b9c5a1e077211cf5839adb95539c88b38f

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:55:16 2018 +0530

Some changes

commit be5d0169f2629ff5a8810bc4c55673e782e01c53

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:50:56 2018 +0530

commit 1ee062af2a1713009bd993d9fda566e1a415a1ce (HEAD -> master, origin/master, origin/HEAD)

Author: bedabandhu sahoo <bedabandhusahoo@bedabandhus-MacBook-Air.local>

Date: Sun Feb 18 16:29:19 2018 +0530

New program

commit 3b7a817f9db9b9534cb15d6e9b63d9847db21424

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:11:42 2018 +0530

Update array\_operations.c

commit 246931247caeb11e07db57e05a65a0f8706936da

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:00:38 2018 +0530

Not working

commit 863c71b9c5a1e077211cf5839adb95539c88b38f

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:55:16 2018 +0530

Some changes

commit be5d0169f2629ff5a8810bc4c55673e782e01c53

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:50:56 2018 +0530

some changes

commit 2083bd1f8e89b8f319a448df6e952672d7aee3ff

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:17:07 2018 -0800

Add files via upload

commit d22c3b82d8f55dd507d768b28013a121f1eb746b

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:06:58 2018 -0800

Rename main.c to arrays.c

commit dd54929adbbdd96cb83a0a6a0527f4b2f49bf481

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:06:11 2018 -0800

Delete array.layout

commit d48a9fcfa4032ef96aa9afeb0d9f2b8b2d7ff471

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:05:54 2018 -0800

Delete pro2.cbp

commit bfd9a8e63cd05dce74b8ecfdcd77c67b9d433b0d

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:04:01 2018 -0800

Delete array.depend

commit 3a1c906112bb8713bb6637eff7b03cd302ff3656

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:03:38 2018 -0800

Delete array.cbp

commit 32c3da679aa9f7ef411a8d58e23cc6a3c47615f2

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:01:51 2018 -0800

Add files via upload

commit 099db0afd74bcc9718a8e42fdac75b70f8eb3109

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 07:59:40 2018 -0800

Initial commit

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git log -p -v -r

commit 1ee062af2a1713009bd993d9fda566e1a415a1ce (HEAD -> master, origin/master, origin/HEAD)

Author: bedabandhu sahoo <bedabandhusahoo@bedabandhus-MacBook-Air.local>

Date: Sun Feb 18 16:29:19 2018 +0530

New program

**diff --git a/linear\_search.cpp b/linear\_search.cpp**

**new file mode 100644**

**index 0000000..03e585e**

**--- /dev/null**

**+++ b/linear\_search.cpp**

**index 0000000..03e585e**

**--- /dev/null**

**+++ b/linear\_search.cpp**

@@ -0,0 +1,43 @@

+#include<iostream>

+using namespace std;

+class info

+{

+private:

+char arr[12],i;

+public:

+void getdata(int n)

+{

+cout<<"Enter the characters in the array.";

+for(i=0;i<n;i++)

+{

+cin>>arr[i];

+}

+}

+void search(char a)

+{

+int i,n;

+cout<<"Again enter the limit till you had entered the array";

+cin>>n;

+for(i=0;i<n;i++)

+{

+if(arr[i]==a)

+{

+cout<<"The element is in "<<i+1<<"th position\n";

+}

+}

+}

+};

+int main()

+{

+info obj1;

+char a;

+int n;

+cout<<"Enter the limit untill which you want to insert in an array";

+cin>>n;

+obj1.getdata(n);

+cout<<"Enter the character that you want to search in the array";

+cin>>a;

+obj1.search(a);

+return 0;

+}

+

commit 3b7a817f9db9b9534cb15d6e9b63d9847db21424

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:11:42 2018 +0530

Update array\_operations.c

**diff --git a/array\_operations.c b/array\_operations.c**

**index a62c666..064d29a 100644**

**--- a/array\_operations.c**

**+++ b/array\_operations.c**

@@ -25,6 +25,8 @@ int main()

if(k==ch[i])

noc++;

}

+ /\*^M

printf("The specific count of the %c character is %d",k,noc);

+ \*/^M

return 0;

}

commit 246931247caeb11e07db57e05a65a0f8706936da

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:00:38 2018 +0530

Not working

**diff --git a/calculator\_program.c b/calculator\_program.c**

**index ba25918..30d5d36 100644**

**--- a/calculator\_program.c**

**+++ b/calculator\_program.c**

@@ -1,5 +1,4 @@

#include <stdio.h>

-#include <stdlib.h>

int main()

{

commit 863c71b9c5a1e077211cf5839adb95539c88b38f

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:55:16 2018 +0530

Some changes

**diff --git a/arrays.c b/arrays.c**

**index c16a24e..ac4efad 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -19,7 +19,7 @@ int main()

}

printf("Enter the character whose you had to find the specific count.\n");

- scanf("%c ",&k);

+ scanf("%c",&k);^M

for(i=0;i<j;i++)

{

if(k==ch[i])

commit be5d0169f2629ff5a8810bc4c55673e782e01c53

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:50:56 2018 +0530

some changes

**diff --git a/array\_operations.c b/array\_operations.c**

**index c16a24e..a62c666 100644**

**--- a/array\_operations.c**

**+++ b/array\_operations.c**

@@ -7,7 +7,7 @@ int main()

int i,j,noc;

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);

- printf("Enter the characters in the array.\n");

+ printf("Enter the your name in the array.\n");^M

for(i=0;i<j;i++)

{

scanf("%c",&ch[i]);

commit 2083bd1f8e89b8f319a448df6e952672d7aee3ff

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:17:07 2018 -0800

Add files via upload

**diff --git a/array\_operations.c b/array\_operations.c**

**new file mode 100644**

**index 0000000..c16a24e**

**--- /dev/null**

**+++ b/array\_operations.c**

@@ -0,0 +1,30 @@

+#include <stdio.h>^M

+#include <stdlib.h>^M

+^M

+int main()^M

+{^M

+ char ch[100],k;^M

+ int i,j,noc;^M

+ printf("Enter the limit till which you want to enter the array");^M

+ scanf("%d",&j);^M

+ printf("Enter the characters in the array.\n");^M

+ for(i=0;i<j;i++)^M

+ {^M

+ scanf("%c",&ch[i]);^M

+ }^M

+ printf("The name entered in reverse is\n");^M

+ for(i=j-1;i>=0;i--)^M

+ {^M

+ printf("%c",ch[i]);^M

+^M

+ }^M

+ printf("Enter the character whose you had to find the specific count.\n");^M

+ scanf("%c ",&k);^M

+ for(i=0;i<j;i++)^M

+ {^M

+ if(k==ch[i])^M

+ noc++;^M

+ }^M

+ printf("The specific count of the %c character is %d",k,noc);^M

+ return 0;^M

+}^M

**diff --git a/bubble\_sorting.c b/bubble\_sorting.c**

**new file mode 100644**

**index 0000000..b2ddce6**

**--- /dev/null**

**+++ b/bubble\_sorting.c**

@@ -0,0 +1,38 @@

+#include <stdio.h>^M

+#include <stdlib.h>^M

+^M

+int main()^M

+{^M

+ int a[100],i,j,k,c;^M

+ do^M

+ {^M

+ printf("Enter the limit in the array\n");^M

+ scanf("%d",&j);^M

+ printf("Enter the elements\n");^M

+ for(i=0;i<j;i++)^M

+ {^M

+ scanf("%d",&a[i]);^M

+ }^M

+ for(c=0;c<j;c++)^M

+ {^M

+ for(i=0;i<j;i++)^M

+ {^M

+ if(a[i]>a[i+1])^M

+ {^M

+ k=a[i];^M

+ a[i]=a[i+1];^M

+ a[i+1]=k;^M

+ }^M

+^M

+ }^M

+ }^M

+ printf("The array after bubble sorting is\n");^M

+ for(i=0;i<j;i++)^M

+ {^M

+ printf("%d\n",a[i]);^M

+ }^M

+ printf("Do you want to again do bubble sorting(1|0)\n");^M

+ scanf("%d",&c);^M

+ }while(c==1);^M

+ return 0;^M

+}^M

**diff --git a/calculator\_program.c b/calculator\_program.c**

**new file mode 100644**

**index 0000000..ba25918**

**--- /dev/null**

**+++ b/calculator\_program.c**

@@ -0,0 +1,63 @@

+#include <stdio.h>^M

+#include <stdlib.h>^M

+^M

+int main()^M

+{^M

+ unsigned int i,j,n;^M

+ float k,a,b;^M

+ do^M

+ {^M

+ printf("Enter the case no. according to operation you want to perform.\n1.Addition\n2.Subtraction\n3.Multiplication\n4.Divison");^M

+ scanf("%u",&i);^M

+ switch(i)^M

+ {^M

+ case 1:^M

+ do^M

+ {^M

+ printf("Enter two numbers\n");^M

+ scanf("%u%u",&i,&j);^M

+ k=i+j;^M

+ printf("The sum is %.2f\n",k);^M

+ printf("Do you want to continue with addition:(1|0)\n");^M

+ scanf("%u",&n);^M

+ }while(n==1);^M

+ break;^M

+ case 2:^M

+ do^M

+ {^M

+ printf("Enter two numbers\n");^M

+ scanf("%u%u",&i,&j);^M

+ k=j-i;^M

+ printf("The difference is %.2f\n",k);^M

+ printf("Do you want to continue with subtraction:(1|0)\n");^M

+ scanf("%u",&n);^M

+ }while(n==1);^M

+ break;^M

+ case 3:^M

+ do^M

+ {^M

+ printf("Enter two numbers\n");^M

+ scanf("%u%u",&i,&j);^M

+ k=i\*j;^M

+ printf("The product is %.2f\n",k);^M

+ printf("Do you want to continue with product:(1|0)\n");^M

+ scanf("%u",&n);^M

+ }while(n==1);^M

+ break;^M

+ case 4:^M

+ do^M

+ {^M

+ printf("Enter two numbers \n");^M

+ scanf("%f%f",&a,&b);^M

+ k=a/b;^M

+ printf("The quotient is %f\n",k);^M

+ printf("Do you want to continue with division:(1|0)\n");^M

+ scanf("%u",&n);^M

+ }while(n==1);^M

+ break;^M

+ }^M

+ printf("Do you want to continue with another operation(1|0)");^M

+ scanf("%u",&n);^M

+ }while(n==1);^M

+ return 0;^M

+}^M

**diff --git a/class\_call\_by\_refrence.cpp b/class\_call\_by\_refrence.cpp**

**new file mode 100644**

**index 0000000..ce32e14**

**--- /dev/null**

**+++ b/class\_call\_by\_refrence.cpp**

@@ -0,0 +1,36 @@

+#include <iostream>^M

+^M

+using namespace std;^M

+^M

+class simpleinterest^M

+{^M

+private:^M

+ int p;^M

+ float r;^M

+ int t;^M

+public:^M

+ void getdata(int \*x,float \*y,int \*z)^M

+ {^M

+ p=\*x;^M

+ r=\*y;^M

+ t=\*z;^M

+ }^M

+ float calculate()^M

+ {^M

+ float s;^M

+ s=(p\*r\*t)/100;^M

+ return s;^M

+ }^M

+};^M

+int main()^M

+{^M

+ int a,c;^M

+ float b,d;^M

+ simpleinterest object;^M

+ cout<<"Enter the principal amount, rate , tenure";^M

+ cin>>a>>b>>c;^M

+ object.getdata(&a,&b,&c);^M

+ d=object.calculate();^M

+ cout<<"The simple interest after "<<c<<" years is "<<d;^M

+ return 0;^M

+}^M

**diff --git a/class\_call\_by\_value.cpp b/class\_call\_by\_value.cpp**

**new file mode 100644**

**index 0000000..0d60370**

**--- /dev/null**

**+++ b/class\_call\_by\_value.cpp**

@@ -0,0 +1,33 @@

+#include <iostream>^M

+^M

+using namespace std;^M

+^M

+class studentinfo^M

+{^M

+private:^M

+ int rollno;^M

+ int marks;^M

+public:^M

+ void getdata();^M

+ void display();^M

+} ;^M

+void studentinfo:: getdata()^M

+{^M

+ cout<<"Enter the roll no.and marks of the student";^M

+ cin>>rollno;^M

+ cin>>marks;^M

+}^M

+void studentinfo:: display()^M

+{^M

+ cout<<"Roll no. "<<rollno<<"\n";^M

+ cout<<"Marks "<<marks<<"\n";^M

+}^M

+int main()^M

+{^M

+ studentinfo obj1,obj2;^M

+ obj1.getdata();^M

+ obj1.display();^M

+ obj2.getdata();^M

+ obj2.display();^M

+ return 0;^M

+}^M

**diff --git a/constructors\_programs.cpp b/constructors\_programs.cpp**

**new file mode 100644**

**index 0000000..819ec95**

**--- /dev/null**

**+++ b/constructors\_programs.cpp**

@@ -0,0 +1,37 @@

+#include <iostream>^M

+^M

+using namespace std;^M

+^M

+class simpleinterest^M

+{^M

+private:^M

+ int p;^M

+ float r;^M

+ int t;^M

+public:^M

+ simpleinterest(int p1,int r1,int t1)^M

+ {^M

+ // <<"Enter principal amount, rate of interest, time period.\n";^M

+ //>>p>>r>>t;^M

+ p=p1;^M

+ r=r1;^M

+ t=t1;^M

+^M

+ }^M

+ void calculate()^M

+ {^M

+ float c;^M

+ c=(p\*r\*t)/100;^M

+ cout<<"The simple interest is "<<c<<" after a period of "<<t<<" years";^M

+ }^M

+};^M

+int main()^M

+{^M

+ int l,m,n;^M

+ cout<<"Enter principal, rate, time period.\n";^M

+ cin>>l>>m>>n;^M

+ //simpleinterest object; //calling of default const^M

+ simpleinterest object(l,m,n); //calling of default const^M

+ object.calculate();^M

+ return 0;^M

+}^M

**diff --git a/polymorphism.cpp b/polymorphism.cpp**

**new file mode 100644**

**index 0000000..70a96bf**

**--- /dev/null**

**+++ b/polymorphism.cpp**

@@ -0,0 +1,62 @@

+#include <iostream>^M

+^M

+using namespace std;^M

+class mensuration^M

+{^M

+private:^M

+ int a;^M

+ int b;^M

+ int c;^M

+public:^M

+ int area(int a)^M

+ {^M

+ this->a=a;^M

+ return 3.14\*a\*a;^M

+ }^M

+ int area(int a,int b)^M

+ {^M

+ this->a=a;^M

+ this->b=b;^M

+ return a\*b;^M

+ }^M

+ int area(int a,int b,int c)^M

+ {^M

+ this->a=a;^M

+ this->b=b;^M

+ this->c=c;^M

+ return a\*b\*c;^M

+ }^M

+};^M

+^M

+int main()^M

+{^M

+ mensuration obj1,obj2,obj3;^M

+ int i,l,m,n,b,k;^M

+ do^M

+ {^M

+ b=0;^M

+ cout << "Enter the case no. according to area you need\n1.If you input only 1 value it will give area of circle\n2.If you input only 2 values it will give area of rectangle\n3.If you input only 3 values it will give volume of cuboid ";^M

+ cin>>i;^M

+ switch(i)^M

+ {^M

+ case 1:cout<<"Enter the radius\n";^M

+ cin>>l;^M

+ b=obj1.area(l);^M

+ cout<<"The area is\n"<<b<<"\n";^M

+ break;^M

+ case 2:cout<<"Enter the sides of the rectangle\n";^M

+ cin>>l>>m;^M

+ b=obj2.area(l,m);^M

+ cout<<"The area of the rectangle is \n"<<b<<"\n";^M

+ break;^M

+ case 3:cout<<"Enter the sides of the cuboid\n";^M

+ cin>>l>>m>>n;^M

+ b=obj3.area(l,m,n);^M

+ cout<<"The volume of the cuboid\n"<<b<<"\n";^M

+ break;^M

+ }^M

+ cout<<"Do you want to continue(1|0)";^M

+ cin>>k;^M

+ }while(k==1);^M

+ return 0;^M

+}^M

commit d22c3b82d8f55dd507d768b28013a121f1eb746b

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:06:58 2018 -0800

Rename main.c to arrays.c

**diff --git a/main.c b/arrays.c**

**similarity index 100%**

**rename from main.c**

**rename to arrays.c**

commit dd54929adbbdd96cb83a0a6a0527f4b2f49bf481

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:06:11 2018 -0800

Delete array.layout

**diff --git a/array.layout b/array.layout**

**deleted file mode 100644**

**index 4785b71..0000000**

**--- a/array.layout**

**+++ /dev/null**

@@ -1,10 +0,0 @@

-<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>

-<CodeBlocks\_layout\_file>

- <FileVersion major="1" minor="0" />

- <ActiveTarget name="Debug" />

- <File name="main.c" open="1" top="0" tabpos="1" split="0" active="1" splitpos="0" zoom\_1="0" zoom\_2="0">

- <Cursor>

- <Cursor1 position="542" topLine="0" />

- </Cursor>

- </File>

-</CodeBlocks\_layout\_file>

commit d48a9fcfa4032ef96aa9afeb0d9f2b8b2d7ff471

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:05:54 2018 -0800

Delete pro2.cbp

**diff --git a/pro2.cbp b/pro2.cbp**

**deleted file mode 100644**

**index f5ef863..0000000**

**--- a/pro2.cbp**

**+++ /dev/null**

@@ -1,44 +0,0 @@

-<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>

-<CodeBlocks\_project\_file>

- <FileVersion major="1" minor="6" />

- <Project>

- <Option title="pro2" />

- <Option pch\_mode="2" />

- <Option compiler="gcc" />

- <Build>

- <Target title="Debug">

- <Option output="bin/Debug/pro2" prefix\_auto="1" extension\_auto="1" />

- <Option object\_output="obj/Debug/" />

- <Option type="1" />

- <Option compiler="gcc" />

- <Compiler>

- <Add option="-g" />

- </Compiler>

- </Target>

- <Target title="Release">

- <Option output="bin/Release/pro2" prefix\_auto="1" extension\_auto="1" />

- <Option object\_output="obj/Release/" />

- <Option type="1" />

- <Option compiler="gcc" />

- <Compiler>

- <Add option="-O2" />

- </Compiler>

- <Linker>

- <Add option="-s" />

- </Linker>

- </Target>

- </Build>

- <Compiler>

- <Add option="-Wall" />

- </Compiler>

- <Unit filename="main.c">

- <Option compilerVar="CC" />

- </Unit>

- <Extensions>

- <code\_completion />

- <envvars />

- <debugger />

- <lib\_finder disable\_auto="1" />

- </Extensions>

- </Project>

-</CodeBlocks\_project\_file>

commit bfd9a8e63cd05dce74b8ecfdcd77c67b9d433b0d

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:04:01 2018 -0800

Delete array.depend

**diff --git a/array.depend b/array.depend**

**deleted file mode 100644**

**index d31dd6a..0000000**

**--- a/array.depend**

**+++ /dev/null**

@@ -1,5 +0,0 @@

-# depslib dependency file v1.0

-1514275192 source:f:\array\main.c

- <stdio.h>

- <stdlib.h>

-

commit 3a1c906112bb8713bb6637eff7b03cd302ff3656

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:03:38 2018 -0800

Delete array.cbp

**diff --git a/array.cbp b/array.cbp**

**deleted file mode 100644**

**index 064f085..0000000**

**--- a/array.cbp**

**+++ /dev/null**

@@ -1,43 +0,0 @@

-<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>

-<CodeBlocks\_project\_file>

- <FileVersion major="1" minor="6" />

- <Project>

- <Option title="array" />

- <Option pch\_mode="2" />

- <Option compiler="gcc" />

- <Build>

- <Target title="Debug">

- <Option output="bin/Debug/array" prefix\_auto="1" extension\_auto="1" />

- <Option object\_output="obj/Debug/" />

- <Option type="1" />

- <Option compiler="gcc" />

- <Compiler>

- <Add option="-g" />

- </Compiler>

- </Target>

- <Target title="Release">

- <Option output="bin/Release/array" prefix\_auto="1" extension\_auto="1" />

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ nano file2.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: arrays.c

Untracked files:

(use "git add <file>..." to include in what will be committed)

file2.c

no changes added to commit (use "git add" and/or "git commit -a")

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git add .

warning: LF will be replaced by CRLF in file2.c.

The file will have its original line endings in your working directory.

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is up to date with 'origin/master'.

Changes to be committed:

(use "git reset HEAD <file>..." to unstage)

modified: arrays.c

new file: file2.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git commit -m 'some changes'

[master 18a56e1] some changes

2 files changed, 9 insertions(+), 3 deletions(-)

create mode 100644 file2.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ nano file2.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 1 commit.

(use "git push" to publish your local commits)

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: file2.c

no changes added to commit (use "git add" and/or "git commit -a")

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git add --help

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git add file2.c

warning: LF will be replaced by CRLF in file2.c.

The file will have its original line endings in your working directory.

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff flie2.c

fatal: ambiguous argument 'flie2.c': unknown revision or path not in the working tree.

Use '--' to separate paths from revisions, like this:

'git <command> [<revision>...] -- [<file>...]'

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git commit -m "Some"

[master 9286b54] Some

1 file changed, 1 insertion(+)

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff file2.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff arrays.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ nano file2.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 2 commits.

(use "git push" to publish your local commits)

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: file2.c

no changes added to commit (use "git add" and/or "git commit -a")

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ nano arrays.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 2 commits.

(use "git push" to publish your local commits)

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: arrays.c

modified: file2.c

no changes added to commit (use "git add" and/or "git commit -a")

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

warning: LF will be replaced by CRLF in file2.c.

The file will have its original line endings in your working directory.

**diff --git a/arrays.c b/arrays.c**

**index 918009c..21b8c6e 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -4,7 +4,10 @@

int main()

{

/\*char ch[100],k;

- int i,j,noc;

+ ^M

+^M

+^M

+int i,j,noc;^M

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);\*/

printf("Enter the characters in the array fuck off.\n");

**diff --git a/file2.c b/file2.c**

**index 0b2de56..6229a88 100644**

**--- a/file2.c**

**+++ b/file2.c**

@@ -2,6 +2,9 @@

int main()

{

printf("Hello world");

+

+

+

printf("1");

return 0;

}

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ diff --git

diff: unknown option -- git

diff: Try 'diff --help' for more information.

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ diff --git file2.c arrays.c

diff: unknown option -- git

diff: Try 'diff --help' for more information.

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff file2.c

warning: LF will be replaced by CRLF in file2.c.

The file will have its original line endings in your working directory.

**diff --git a/file2.c b/file2.c**

**index 0b2de56..6229a88 100644**

**--- a/file2.c**

**+++ b/file2.c**

@@ -2,6 +2,9 @@

int main()

{

printf("Hello world");

+

+

+

printf("1");

return 0;

}

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff arrays.c

**diff --git a/arrays.c b/arrays.c**

**index 918009c..21b8c6e 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -4,7 +4,10 @@

int main()

{

/\*char ch[100],k;

- int i,j,noc;

+ ^M

+^M

+^M

+int i,j,noc;^M

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);\*/

printf("Enter the characters in the array fuck off.\n");

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git log -n

error: -n requires an argument

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git log

commit 9286b54c62d293c07e7712423ff276fc6e38bab8 (HEAD -> master)

Author: Rachit2000 <rachitchauhan2302@gmail.com>

Date: Mon Feb 19 12:09:35 2018 +0530

Some

commit 18a56e10e14cd8d05cb163d13b9651efb7b19ac3

Author: Rachit2000 <rachitchauhan2302@gmail.com>

Date: Mon Feb 19 11:59:32 2018 +0530

some changes

commit 1ee062af2a1713009bd993d9fda566e1a415a1ce (origin/master, origin/HEAD)

Author: bedabandhu sahoo <bedabandhusahoo@bedabandhus-MacBook-Air.local>

Date: Sun Feb 18 16:29:19 2018 +0530

commit 9286b54c62d293c07e7712423ff276fc6e38bab8 (HEAD -> master)

Author: Rachit2000 <rachitchauhan2302@gmail.com>

Date: Mon Feb 19 12:09:35 2018 +0530

Some

commit 18a56e10e14cd8d05cb163d13b9651efb7b19ac3

Author: Rachit2000 <rachitchauhan2302@gmail.com>

Date: Mon Feb 19 11:59:32 2018 +0530

some changes

commit 1ee062af2a1713009bd993d9fda566e1a415a1ce (origin/master, origin/HEAD)

Author: bedabandhu sahoo <bedabandhusahoo@bedabandhus-MacBook-Air.local>

Date: Sun Feb 18 16:29:19 2018 +0530

New program

commit 3b7a817f9db9b9534cb15d6e9b63d9847db21424

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:11:42 2018 +0530

Update array\_operations.c

commit 246931247caeb11e07db57e05a65a0f8706936da

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 16:00:38 2018 +0530

Not working

commit 863c71b9c5a1e077211cf5839adb95539c88b38f

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:55:16 2018 +0530

Some changes

commit be5d0169f2629ff5a8810bc4c55673e782e01c53

Author: Prajjawal banati <500060722@stu.upes.ac.in>

Date: Tue Feb 13 15:50:56 2018 +0530

some changes

commit 2083bd1f8e89b8f319a448df6e952672d7aee3ff

Author: Prajjawal banati <32102563+500060722@users.noreply.github.com>

Date: Wed Jan 10 08:17:07 2018 -0800

Add files via upload

commit d22c3b82d8f55dd507d768b28013a121f1eb746b

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff head

warning: LF will be replaced by CRLF in file2.c.

The file will have its original line endings in your working directory.

**diff --git a/arrays.c b/arrays.c**

**index 918009c..21b8c6e 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -4,7 +4,10 @@

int main()

{

/\*char ch[100],k;

- int i,j,noc;

+ ^M

+^M

+^M

+int i,j,noc;^M

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);\*/

printf("Enter the characters in the array fuck off.\n");

**diff --git a/file2.c b/file2.c**

**index 0b2de56..6229a88 100644**

**--- a/file2.c**

**+++ b/file2.c**

@@ -2,6 +2,9 @@

int main()

{

printf("Hello world");

+

+

+

printf("1");

return 0;

}

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git reset

Unstaged changes after reset:

M arrays.c

M file2.c

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git status

On branch master

Your branch is ahead of 'origin/master' by 2 commits.

(use "git push" to publish your local commits)

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git checkout -- <file>..." to discard changes in working directory)

modified: arrays.c

modified: file2.c

no changes added to commit (use "git add" and/or "git commit -a")

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff

warning: LF will be replaced by CRLF in file2.c.

The file will have its original line endings in your working directory.

**diff --git a/arrays.c b/arrays.c**

**index 918009c..21b8c6e 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -4,7 +4,10 @@

int main()

{

/\*char ch[100],k;

- int i,j,noc;

+ ^M

+^M

+^M

+int i,j,noc;^M

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);\*/

printf("Enter the characters in the array fuck off.\n");

**diff --git a/file2.c b/file2.c**

**index 0b2de56..6229a88 100644**

**--- a/file2.c**

**+++ b/file2.c**

@@ -2,6 +2,9 @@

int main()

{

printf("Hello world");

+

+

+

printf("1");

return 0;

}

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$ git diff head

warning: LF will be replaced by CRLF in file2.c.

The file will have its original line endings in your working directory.

**diff --git a/arrays.c b/arrays.c**

**index 918009c..21b8c6e 100644**

**--- a/arrays.c**

**+++ b/arrays.c**

@@ -4,7 +4,10 @@

int main()

{

/\*char ch[100],k;

- int i,j,noc;

+ ^M

+^M

+^M

+int i,j,noc;^M

printf("Enter the limit till which you want to enter the array");

scanf("%d",&j);\*/

printf("Enter the characters in the array fuck off.\n");

**diff --git a/file2.c b/file2.c**

**index 0b2de56..6229a88 100644**

**--- a/file2.c**

**+++ b/file2.c**

@@ -2,6 +2,9 @@

int main()

{

printf("Hello world");

+

+

+

printf("1");

return 0;

}

RACHIT CHAUHAN@DESKTOP-2HH9C4G MINGW64 ~/Desktop/assignment/Basic-Programs (master)

$